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LARVAL AND POST-LARVAL FISH DATA FROM THE CANADIAN BEAUFORT SEA SHELF, JULY TO SEPTEMBER, 1987

by

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PREFACE

This study was funded by the Northern Oil and Gas Action Program (NOGAP), through the Department of Fisheries and Oceans, Central and Arctic Region. It is one of a series of projects executed under NOGAP Project B.2, to provide background data for assessing the implications of hydrocarbon development and production on critical estuarine and marine habitats of the Canadian Arctic Coastal Shelf. This document constitutes NOGAP Report B2.52.

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TABLE OF CONTENTS

	Page
PREFACE	ii
ABSTRACT/RÉSUMÉ	iv
INTRODUCTION	1
METHODS	2
Sample collection and field processing	2
Laboratory processing	3
RESULTS	4
Stichaeidae	4
Gadidae	5
Cottidae	6
Cyclopteridae	7
Clupeidae	8
Osmeridae	8
Salmonidae	8
ACKNOWLEDGEMENTS	8
REFERENCES	9

LIST OF TABLES

Table		Page
1	Summary parameters for plankton stations sampled in the Beaufort Sea study area during 1987. Abbreviations: n = number, Deg = degrees, Min = minutes.	11
2	Summary data for plankton tow samples collected in the Beaufort Sea study area, 1987. Abbreviations: n = number, NEUST = Neuston.	12
3	Stomach fullness codes used in Table 11	20
4	Description of stomach comment codes used in Table 12.	21
5	Scientific and common names of fishes captured in the Canadian Beaufort Sea shelf, July to September, 1987	22
6	Summary of larval fishes and young-of-the-year juvenile coregonid fishes caught in 500 *µm* Bongo samples taken from the Beaufort Sea, July to September, 1987	23
7	Summary of larval fishes and young-of-the-year juvenile coregonid fishes caught in Neuston samples taken from the Beaufort Sea, July to September, 1987	28
8	Larval fish catch summary for 85 *µm* Bongo samples taken from the Beaufort Sea, July to September, 1987	29
9	Summary of coregonids caught in 500 *µm* Bongo samples taken from the Beaufort Sea, July to September, 1987	30
10	Summary of coregonids caught in Neuston samples taken from the Beaufort Sea, July to September, 1987	31
11	Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987	32
12	Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987	55
13	Frequency of occurrence and relative abundance of dietary items in fish stomachs sampled in the Beaufort Sea, July to September, 1987	79

LIST OF FIGURES

Figure		Page
1	Location of study area for NOGAP Subproject B.2.1.	82
2	Location of stations sampled with plankton gear in July, 1987	83
3	Location of stations sampled with plankton gear in August, 1987	84

ABSTRACT

Chiperzak, D.B., G.E. Hopky, M.J. Lawrence, D.F. Schmid and J.D. Reist. 2003. Larval and post-larval fish data from the Canadian Beaufort Sea shelf, July to September, 1987. Can. Data Rep. Fish. Aquat. Sci. 1121: iv + 84 pp.

Larval and post-larval fishes were collected from 500 *µm* and 85 *µm* Bongo tows and 500 *µm* Neuston tows in July and August of 1987, along the Canadian Beaufort Sea shelf. A total of 1332 fishes were captured, representing five genera and 13 species in eight families. *Anisarchus medius* was the most abundant and most widely distributed species captured followed by *Boreogadus saida*. *Coregonus sardinella* was the most abundant coregonid captured. Standard length, total length, and wet weight were taken on 1256 fishes. Stomach analyses were conducted on 100 *A. medius*, 64 *B. saida*, 31 *Gymnocanthus tricuspis*, and 22 *Myoxocephalus quadricornis*. Copepods were the most important food group for all four species.

Key words: Arctic; coastal waters; Beaufort Sea; ichthyoplankton; larval fishes; *Anisarchus medius*; *Boreogadus saida;* Arctic cod; distribution; diet.

RÉSUMÉ

Chiperzak, D.B., G.E. Hopky, M.J. Lawrence, D.F. Schmid and J.D. Reist. 2003. Larval and post-larval fish data from the Canadian Beaufort Sea shelf, July to September, 1987. Can. Data Rep. Fish. Aquat. Sci. 1121: iv + 84 pp.

Nous avons prélevé des larves et des postlarves de poisson sur la plate-forme de la mer de Beaufort en juillet et août 1987 à l'aide d'échantillonneurs Bongo à mailles de 85 *µm* et de 500 *µm* et d'un filet à Neuston à mailles de 500 µm. Nous avons ainsi capturé un total de 1 332 poissons, appartenant à 8 familles, 5 genres et 13 espèces. *Anisarchus medius* était l'espèce la plus abondante et la plus cosmopolite, suivie de *Boreogadus saida*. Parmi les Corégonidés, *Coregonus sardinella* était l'espèce la plus abondante. Nous avons mesuré la longueur standard, la longueur totale et le poids humide de 1 256 poissons et analysé les contenus stomacaux de 100 *A. medius*, 64 *B. saida*, 31 *Gymnocanthus tricuspis* et 22 *Myoxocephalus quadricornis*. Cette analyse a révélé que les copépodes étaient l'aliment le plus fréquemment consommé par ces quatre espèces.

Mots clés : Arctique, eaux côtières, mer de Beaufort, ichtyoplancton, larves de poisson, *Anisarchus medius*, *Boreogadus saida*, saïda franc, distribution, régime alimentaire.

INTRODUCTION

Larval and post-larval fish data presented in this report were collected as part of the Beaufort Shelf Fish Habitat Research Subproject (B.2.1). This subproject was one component of the Critical Arctic Estuarine and Marine Habitat Project (B.2) of the Northern Oil and Gas Action Program (NOGAP). Project B.2 is a multi-disciplinary study of the Canadian Arctic coastal shelf undertaken by staff of the Department of Fisheries and Oceans (DFO). The objectives of Subproject B.2.1 were:

1. to conduct research towards identifying, in spatial and temporal terms, areas of significance to marine and estuarine fish species of the Beaufort Sea shelf (from Herschel Island to Cape Bathurst) (Fig. 1);

2. to characterize these areas of important marine and estuarine habitat in terms of community composition, and in terms of chemical, physical and biological parameters; and

3. to describe the feeding habits of selected species of pelagic and demersal fish species of the Beaufort Sea shelf in relation to habitat and season (open water vs. ice covered).

Larval and post-larval fish samples were collected for four consecutive open water seasons in the Beaufort Sea beginning in 1984. Data for 1984 are reported in Chiperzak *et al.* (1990), and those for 1985 and 1986 in Chiperzak *et al.* (2003a) and Chiperzak *et al.* (2003b) respectively. The data in this report are for 1987. Zooplankton data for 1987 are reported in Hopky *et al.* (1994b). Scientific names and associated codes of all organisms captured under NOGAP Subprojects B.2.1 and B.2.3 are reported in Hopky *et al.* (1994d). Temperature, salinity and density data for 1987 are reported in Hopky *et al.* (1988), while chemical data are reported in Lawrence *et al.* (1991). Data on *in situ* water irradiance, fluorescence, solar irradiance, ice algae and other related physical parameters are reported in Hopky *et al.* (1994c). Related fisheries data collected through Subproject B.2.1, include Arctic cod stomach data (Lacho 1986) and gillnetting results during the ice-covered season, 1985 to 1987 (Chiperzak *et al.* 1991).

Past fisheries studies along the Canadian Beaufort Sea shelf focused on juvenile and adult fish (Galbraith and Hunter, 1975), and have been mostly nearshore (Kendel *et al.* 1975; Percy, 1975; Lawrence *et al.* 1984; and Bond and Erickson, 1989). Little research has been done on the distribution and abundance of larval fishes in the Beaufort Sea, however, the ichthyoplankton of Tuktoyaktuk Harbour was investigated by Ratynski (1983), and Hopky *et al.* (1994a). The emphasis of the present work was to re-dress this imbalance by focusing upon marine ichthyoplankton.

METHODS

The size of the sampling area was approximately 400 kilometers, from Herschel Island to Amundson Gulf. Site selection of sample stations were chosen to represent the different water column layers (*e.g.,* above/below the pycnocline; near shelf/end shelf) and occurred at near shore, 5, 15, 30-50, and 100-150 meters in depth.

Sampling was done on board the chartered M.V. Sequel, a 12 m, wooden-hull vessel. Site selection of sampling stations and monthly repeat sampling was occasionally restricted due to the size and speed (maximum five knots) of the vessel, the nature of its hull during poor ice or weather conditions such as storms and gales, and the vastness of the study area.

Coordinates for sampling stations (Table 1) were obtained using a combination of radar (Furuno Model CR240), fixes to shore, bathymetric charts and a Magnavox Model MX4102 satellite navigator with a nominal accuracy of ± 0.1 km.

The primary research program of the 1987 open water season was plankton sampling. Station locations were designated on the basis of year, and station sample numbers were generally assigned in chronological order. An example of a typical station number is 87015: this refers to the year 1987, with 15 referring to the station number assigned for 1987. Plankton samples were collected during two separate periods: July 19-31 (Fig. 2), and August 1-27 (Fig. 3) of the open water season. No plankton samples were obtained during September. In this report, all plankton sample numbers were assigned a new number consisting of the last two digits of the year and the original plankton sample number. For example, 87027: this refers to the year 1987, with 027 referring to the original plankton sample number.

SAMPLE COLLECTION AND FIELD PROCESSING

Three gear types were used for plankton collection; a 500 *µm* Neuston sampler, and 85 *µm* and 500 *µm* Bongo samplers (Table 1). Descriptions of the tows and volumes filtered are provided in Table 2. Hopky *et al.* (1994a) provide further details on tow parameters such as volume, speed, and depth.

The Neuston sampler was used to collect larger zooplankton and ichthyoplankton from on and just below the water's surface. The sampler had a square opening of 0.45 by 0.45 m with a 500 *µm* mesh size Nitex net. More details on its design are in Mason and Phillips (1986). A General Oceanics flowmeter, Model 2030, with standard rotor was affixed to the sampler mouth offset 0.17 m vertically from the bottom of the mouth. Calculations of volume filtered used an opening size of 0.40 by 0.45 m, as the top 0.05 m of the Neuston sampler rode out of the water during tows. Neuston gear tows were made horizontally along the water's surface, 30 m off the starboard side of the vessel in front of its wake for about five minutes. Replicate tows were generally made in sequence while maintaining

the same vessel heading. Neuston samplers performed most effectively when towed into the wind and current, and poorly when towed against it.

The 500 *µm* Bongo gear consisted of two nets each 0.5 m in diameter separated by a distance of 0.25 m. Each net was constructed of 500 *µm* size mesh Nitex net, and had an initial cylinder of 1.3 m length and then a tapered cone of 1.25 m length. Net design conformed with UNESCO (1968) recommendations for an 85% sustained towing filtering efficiency. All tows were deployed from the starboard side of the vessel using a steel wire, with deployment and retrieval rates of 0.3 $m \cdot s^{-1}$. Tow depths were estimated by calculation, using the cosine of the angle of the tow wire relative to the horizontal plane, as measured by an inclinometer, times the length of wire spooled out. General Oceanics flowmeters, Model 2030, with standard rotors were affixed to the centre of each net's opening. Replicate tows were generally made in sequence, alternating the vessel heading by 180° for each tow for greater sample representation of the station.

Depending on the station depth, and the target tow volumes, different tow types were used to sample the water column with the 500 *µm* Bongo gear. At tow depths of about 5 m or less tows were horizontal, with subsequent tows at a given station at different depths. As many of the stations in the 5 m depth range were also stratified (salinity), subsequent tows were also conducted in shallow water above the pycnocline, and in deep water below the pycnocline. At tow depths of about 5 m or more tows were undulating oblique. Tow depths for the oblique tows were in much deeper water and the times for these tows were the minimum possible for the gear to reach the bottom and subsequently return to the surface. Tow rates for all tow types were approximately 1.0 $m \cdot s^{-1}$.

The main objective for using the 85 *µm* Bongo gear was to sample for potential food sources of the ichthyoplankton. All larval fishes captured with this gear were taken during vertical tows where the 85 *µm* Bongo was spooled out as quickly as possible and retrieved at an approximate rate of 0.3 $m \cdot s^{-1}$. The 85 *µm* Bongo gear and nets were similar in design to the 500 *µm* Bongo gear, but nets had a mesh size of 85 µm, and a cylinder and tapered cone each 2 m long. As with the 500 *µm* Bongo gear nets, the 85 *µm* nets were also designed to meet the UNESCO (1968) 85% criteria; but target volumes were considerably less.

All plankton samples were preserved in a solution of seawater and 5% unbuffered formalin. Larval and post-larval fish were extracted later in the laboratory, placed in 70% ethanol and identified to the lowest possible taxon.

LABORATORY PROCESSING

All larval and post-larval fishes except those extracted for stomach analysis were measured for standard length, total length, and wet weight. Length measurements were made using a Nikon Type 102 dissecting microscope and a small ruler marked in 1 mm graduations.

Measurements were made to the nearest ± 0.5 mm. Wet weights were obtained by first blotting the larval fishes with a paper towel and then weighing them on a Mettler PC440 digital scale with an accuracy of ± 0.001 g. No adjustments for shrinkage were made in any of the measurements.

Larval fishes were arbitrarily selected for stomach analysis to provide a representative cross-section of samples by station and by month. These fishes were first measured for standard length, rounded to the nearest ± 0.5 mm, using the micrometer eyepiece of a Wild M5A dissecting microscope. The stomach was then removed or in cases where the stomach had not yet fully formed, the entire intestine was taken. A code (Table 3) was assigned to each stomach or intestine to indicate the degree of fullness and the content's state of digestion. Stomach contents were then identified and enumerated. Stomach item codes used are listed in Table 4. Parasites found in larval fish stomachs were identified and enumerated whenever possible.

Determination of frequency of occurrence of food items was calculated by dividing the number of stomachs examined of a species which contained food by the number of stomachs in which a food item was present. To determine percentage of food items by number, the number of food items for a fish species was totalled. The number of each food item was then divided into the total number of food items and multiplied by 100. Food items with a comment code of 83 (eggs) were excluded from these determinations.

RESULTS

A total of 1332 fishes were captured for all three gear types. Twenty two taxonomic identifications were made, comprising five genera and 13 species in eight families, and four taxonomic identifications made to the family level (Table 5). There were 1194 fishes captured in 108 500 *µm* Bongo tow samples (Table 6), and 106 fishes captured in 27 Neuston tows (Table 7). Thirty two fishes were captured in 11 85 *µm* vertical tows (Table 8). Diversity was much greater in 500 *µm* Bongo catches (19 taxonomic identifications) as compared to Neuston catches (11 taxonomic identifications) and 85 *µm* Bongo catches (5 taxonomic identifications). There was a considerably greater representation of marine species in the 500 *µm* Bongo and Neuston samples than of anadromous species. Coregonid catch summaries are also provided separately in Table 9 for 500 *µm* Bongos and in Table 10 for Neuston tows. At total of 34 stations were sampled.

STICHAEIDAE

The Family Stichaeidae was the most abundant group captured (n=549), comprising approximately 41% of the total catch. A total of 543 stichaeids were identified as *Anisarchus medius*. These were captured at 19 of the 34 (56%) stations sampled. Almost all *A. medius* were captured in the 500 *µm* Bongo gear (n=525) (Table 6) with 18 individuals being

captured with the Neuston sampler (Table 7). The remaining six stichaeids were captured in the 85 *µm* Bongo tows (Table 8) and were not identified past the genus level of *Anisarchus*. Standard and total length, wet weight and stomach fullness for 528 *A. medius* are listed in Table 11.

Stomach contents were analysed for 100 *A. medius*. Of these, nine were empty. A description and count of the prey items found in *A. medius* stomachs is provided in Table 12. Copepods were the most dominant food group found in *A. medius* stomachs (Table 13) with *Pseudocalanus minutus* and *Limnocalanus macrurus* the most abundant and frequently occurring species identified. Parasite(s) of the Family Hemiuridae were found in 14 of the stomachs analysed.

GADIDAE

The Family Gadidae was the second most abundant group captured (n=287) contributing to approximately 21% of the total catch. Gadids were captured in 22 of the 34 (64.7%) stations sampled. Three genera represented this family: *Boreogadus*, *Arctogadus*, and *Eleginus*.

Boreogadus saida, Arctic cod, was the most abundant species captured comprising 20.5% (n=273) of the total catch. This species was as widely distributed as the stichaeid *A. medius*, being captured in 19 of 34 (56%) stations sampled. A total of 259 *B. saida* were captured in the 500 *µm* Bongo tows (Table 6) and 14 were captured in the 85 *µm* Bongo gear (Table 8). Standard length, total length, wet weight, and stomach fullness were measured on 271 *B. saida* (Table 11).

A total of 64 *B. saida* stomachs were analyzed, of which two were empty. A description and count of the prey items found in *B. saida* stomachs is provided in Table 12. Copepods were the most dominant food group found in *B. saida* stomachs (Table 13). The most frequently occurring species identified were *Pseudocalanus minutus* (71.4%) and *Calanus glacialis* (69.6%). *P. minutus* was the most abundant dietary item. Parasite(s) of the Family Hemiuridae were found in 12 of the stomachs analyzed.

Two *Arctogadus* sp. were captured, one at station 87039 and the other at station 87062. Both were captured in 500 *µm* Bongo gear (Table 6). Standard length, total length, and wet weight for the captured *Arctogadus* sp. are listed in Table 11.

Twelve *Eleginus gracilis* were captured across 4 stations; stations 87014, 87030, 87033, and 87064. Almost all *E. gracilis* were captured in 500 *µm* Bongo gear (Table 6), while the remainder were captured in Neuston gear (Table 7). Standard length, total length, wet weight, and stomach fullness for all twelve *E. gracilis* captured are listed in Table 11.

Six *E. gracilis* stomachs were examined, of which one was empty (Table 12). Copepods were the predominant food group found in *E. gracilis* stomachs (Table 13), with

Pseudocalanus minutus the most frequently occurring (60%) and most abundant species identified. One parasite of the Family Hemiuridae was found in one stomach.

COTTIDAE

The Family Cottidae was the third most abundant group captured (n=269) comprising approximately 20% of the total catch. Five genera were represented in this family; *Icelus, Gymnocanthus, Myoxocephalus, Triglops,* and *Artediellus*. Cottids generally were distributed across 21 of 34 (61.8%) stations sampled, with the majority captured in 500 *µm* Bongo tows (Table 6). Six cottids captured across two stations could only be identified to the family level. These were captured in 500 *µm* Bongo (Table 6) and 85 *µm* Bongo (Table 8) gear.

The most abundant cottid was *Icelus* sp. (n=110), occurring at 12 of 34 (35.3%) stations sampled. All *Icelus* sp. were captured in 500 *µm* Bongo tows (n=110) (Table 6). Standard and total length, wet weight and stomach fullness for 109 *Icelus* sp. are listed in Table 11.

A total of 45 *Icelus* sp. stomachs were examined, of which two were empty. A description and count of the prey items found in *Icelus* sp. stomachs is provided in Table 12. Copepods formed the most dominant food group with *Pseudocalanus minutus* the most frequently occurring (82.2%) and most abundant (34.8%) food item in *Icelus* sp. stomachs (Table 13). Parasite(s) of the Family Hemiuridae were found in 14 stomachs.

Gymnocanthus tricuspis was captured at 8 of 34 (23.5%) stations sampled with a total of 96 individuals captured. Nearly all *G. tricuspis* were captured in 500 *µm* Bongo gear (Table 6), while the remainder were captured in Neuston gear (Table 7). Standard and total length, wet weight, and stomach fullness for 95 *G. tricuspis* measured are listed in Table 11.

All 31 *G. tricuspis* stomachs examined contained food items. A description and count of the food items found are given in Table 12. Copepods were the dominant food group in *G. tricuspis* stomachs (Table 13). The most frequently occurring species identified were *Pseudocalanus minutus* (64.5%) and *Jaschnovia(Derjuginia) tolli* (48.4%). Parasite(s) of the Family Hemiuridae were found in two of the stomachs analyzed.

Myoxocephalus quadricornis was the third most abundant cottid (n=53) and was as widely distributed as *Icelus* sp., occurring at 12 of 34 (35.3%) stations sampled. *M. quadricornis* was more numerous in Neuston tows (n=39) (Table 7) than in 500 *µm* Bongo tows (n=14) (Table 6). A total of 53 *M. quadricornis* were measured for standard and total length, wet weight, and stomach fullness (Table 11).

Twenty two *M. quadricornis* stomachs were examined, of which one was empty. A description and count of the prey items found in *M. quadricornis* stomachs is provided in Table 12. Copepods were the most dominant food items occurring in *M. quadricornis* stomachs (Table 13). *Limnocalanus macrurus* was the

most frequently occurring (66.7%) species identified, followed by *Pseudocalanus minutus* (33.3%) and *Metridia longa* (33.3%). *P. minutus*, was the most abundant dietary item found in *M. quadricornis* stomachs. One parasite of the Family Hemiuridae occurred in one stomach.

Three *Triglops pingeli* were captured across two stations, one at station 87015 and two at station 87025. All *T. pingeli* were captured in the 500 *µm* Bongo tows (Table 6). Standard and total length, and wet weight are listed in Table 11. No *T. pingeli* stomachs were examined.

CYCLOPTERIDAE

A total of 86 liparids were captured, of which 38 were identified as *Liparis fabricii*, and 18 were identified as *L. tunicatus*. The remaining 30 liparids were not identified past the genus level of *Liparis*. Liparids in general were captured in 18 of 34 (53%) stations sampled. The majority of liparids were captured in the 500 *µm* Bongo tows (Table 6), with the remainder captured in the 85 *µm* Bongo tows (Table 7).

L. fabricii was the most abundant liparid (n=38), occurring at 8 of 34 (25.5%) stations sampled. *L. fabricii* was more numerous in 500 *µm* Bongo tows (n=28) (Table 6) than in 85 *µm* Bongo tows (n=10) (Table 8). Standard and total length, wet weight, and stomach fullness for 28 *L. fabricii* are listed in Table 11.

All 14 *L. fabricii* stomachs examined contained food items. A description and count of the prey items found in *L. fabricii* stomachs are provided in Table 12. Copepods were the most frequently occurring and abundant dietary items encountered in *L. fabricii* stomachs (Table 13). The larvacean *Oikopleura vanhoeffeni* and the copepod *Microcalanus pygmaeus* were the most frequently occurring (28.6% for each) dietary items found in *L. fabricii* stomachs, while the copepod *Pseudocalanus minutus* was the most abundant species identified. Parasite(s) of the Family Hemiuridae were found in two of the stomachs analysed.

All 18 *L. tunicatus* were captured across 4 stations in 500 *µm* Bongo tows (Table 6). Standard and total length, wet weights and stomach fullness are listed in Table 11.

A total of nine *L. tunicatus* stomachs were analyzed and all contained food items. A description and count of the prey items found in *L. tunicatus* stomachs are provided in Table 12. Copepods were the most dominant food group in *L. tunicatus* stomachs (Table 13), with *Pseudocalanus minutus* and *Calanus glacialis* the most frequently occurring dietary items encountered. *P. minutus* was the most abundant food item.

A total of 30 *Liparis* sp. were captured in 500 *µm* Bongo tows (Table 6) across 13 of 34 (38%) stations sampled. Standard and total length, wet weight, and stomach fullness for 27 *Liparis* sp. are listed in Table 11.

A total of 26 *Liparis* sp. stomachs were analyzed, of which one was empty. A description and count of the prey items found in *Liparis* sp.

stomachs is provided in Table 12. Copepods were the most dominant food group encountered in *Liparis* sp. stomachs (Table 13), with *Pseudocalanus minutus* and *Metridia longa* the most frequently occurring species identified. The most abundant species encountered was *P. minutus*. Parasite(s) of the Family Hemiuridae occurred in four stomachs.

CLUPEIDAE

Thirty three clupeids were captured across seven of seven (20.6%) stations sampled. All were identified as *Clupea harengus pallasi* (Table 6 and Table 7). A total of 30 *C. harengus pallasi* were measured for standard and total length, wet weight, and stomach fullness (Table 11).

Fifteen *C. harengus pallasi* stomachs were examined, of which four were empty. A description and count of the prey items found in *C. harengus pallasi* stomachs are provided in Table 12. Copepods were the most frequently occurring food group in *C. harengus pallasi* stomachs (Table 13), with *Acartia clausi* the most frequently occurring (25%) species identified. Parasite(s) of the Family Hemiuridae occurred in four stomachs.

OSMERIDAE

Fifty one osmerids were captured, all identified as *Osmerus mordax*. *O. mordax* was more numerous in 500 *µm* Bongo tows (n=30) (Table 6) than in Neuston tows (n=20) (Table 7). One *O. mordax* was captured in 85 *µm* Bongo gear (Table 8). All osmerids were measured for standard and total length, wet weight and stomach fullness (Table 11).

A total of 21 *O. mordax* stomachs were analyzed, of which 13 were empty. A description and count of the prey items found in *O. mordax* stomachs are provided in Table 12. Copepods were the only food group found in *O. mordax* stomachs (Table 13), with *Acartia clausi* and *Pseudocalanus minutus* the most frequently occurring (each 50%) and most abundant species identified.

SALMONIDAE

Twelve coregonids were captured, of which three were identified as *Coregonus autumnalis*, and six were identified as *C. sardinella*. The remaining three could not be identified past the genus level of *Coregonus*. *C. autumnalis* and *C. sardinella* were captured in the 500 *µm* Bongo and Neuston gear. *Coregonus* sp. occurred at three stations and was captured only in the Neuston gear. Nearly all coregonids (92%) were captured in July. One *C. autumnalis* was captured in August. No coregonids were captured in September.

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Table 1. Summary parameters for plankton stations sampled in the Beaufort Sea study area during 1987. Abbreviations: n = number, Deg = degrees, Min = minutes.

Station Number	Date	Station location	Latitude North		Longitude West		Time Arrive[a]	Station Depth (m)	Sampling Gear[b] (n of samples)		
			Deg	Min	Deg	Min			500N	500B	85B
87015	Jul 19	Herschel Island north	69	35.1	138	50.0	11:30	6.5	2	4	2
87016	Jul 19	Herschel Island north	69	36.0	138	49.0	13:45	17.7	2	4	2
87017	Jul 20	Herschel Island north	69	38.0	138	45.0	11:30	46.6	2	4	2
87018	Jul 20	Herschel Island north	69	43.0	138	44.0	14:25	138.0	2	4	1
87020	Jul 22	King Point north	69	6.6	137	57.0	15:00	6.7	2	4	2
87021	Jul 22	King Point north	69	6.8	137	56.0	17:05	16.1	2	4	2
87022	Jul 22	King Point north	69	10.8	137	52.0	19:40	30.0	2	4	2
87023	Jul 23	King Point north	69	27.2	137	33.0	14:05	49.9	2	4	2
87024	Jul 23	Garry Island west	69	32.6	137	6.0	18:05	31.5	2	4	2
87025	Jul 23	Garry Island west	69	34.0	136	47.0	21:05	15.5	2	4	2
87026	Jul 24	Garry Island west	69	34.0	136	9.0	01:00	6.0	2	4	2
87014	Jul 26	Kugmallit Bay west of Tuk	69	30.7	133	6.0	10:30	4.6	2	4	2
87027	Jul 26	Kittigazuit Bay north	69	24.2	133	38.0	15:30	3.1	2	4	2
87028	Jul 28	Topkak Point west	69	31.1	133	8.0	10:07	5.5	2	5	2
87029	Jul 28	Toker Point west	69	38.8	133	5.0	14:35	6.5	2	5	2
87030	Jul 29	Kugmallit Bay west of Tuk	69	32.2	133	9.0	10:30	5.0	2	5	2
87031	Jul 29	Tuktoyaktuk Harbour west	69	27.1	133	14.3	15:05	3.0	2	5	2
87032	Jul 31	Toker Point west	69	47.0	133	21.0	12:30	9.0	2	5	2
87033	Aug 1	Toker Point west	69	40.0	133	17.0	09:24	6.5	2	5	2
87034	Aug 2	Toker Point north-west	69	53.5	133	24.0	12:30	16.0	2	4	2
87035	Aug 3	Pullen Island north-west	70	1.1	133	26.0	08:00	28.0	2	4	2
87036	Aug 4	Pullen Island north	70	57.7	134	29.0	08:00	200.0	2	4	2
87037	Aug 5	Pullen Island north-west	71	20.3	135	9.0	00:01	1090.0		1	
87039	Aug 5	Pullen Island north-east	70	15.6	133	37.0	19:50	50.0	2	4	
87039	Aug 6	Pullen Island north-east	70	15.6	133	37.0	08:00	50.0			2
87060	Aug 21	Cape Dalhousie north	70	17.2	129	45.0	15:30	7.0	2	3	2
87061	Aug 22	Cape Bathurst north	70	33.8	127	57.0	10:50	8.0	2	4	2
87062	Aug 22	Cape Bathurst north	70	35.2	127	47.0	14:50	31.0	2	4	1
87063	Aug 23	Cape Bathurst north	70	37.7	127	30.0	10:26	196.5	2	4	1
87064	Aug 24	Cape Dalhousie north	70	26.2	129	50.0	12:20	15.8	2	4	2
87066	Aug 25	McKinley Bay north	70	9.3	130	52.0	14:06	8.5	2	4	1
87067	Aug 25	McKinley Bay north	70	12.3	131	1.0	17:30	16.4	2	4	2
87065	Aug 26	McKinley Bay north	70	21.2	131	4.0	13:23	26.0	2	4	2
87068	Aug 27	Tuft Point north	69	46.2	132	22.0	11:20	7.0	2	4	1
87069	Aug 27	Tuft Point north	69	58.2	132	28.0	15:15	16.5	2	4	2

[a] Local time.

[b] 500N = 500 μm Neuston; 500B = 500 μm Bongo; 85B = 85 μm Bongo.

Table 2. Summary data for plankton tow samples collected in the Beaufort Sea study area, 1987. Abbreviations: n = number, NEUST = Neuston.

Plankton Sample Number	Date	Station Number	Gear		Tow				Plankton Sample Abundance ($n \cdot 100\ m^3$)
			Type	Mesh Size (μm)	Station Sample Number[a]	Type[b]	Maximum Depth (m)	Volume Filtered (m^3)	
87027	Jul 19	87015	BONGO	85	1P	OBL	5.0	19.5	1487379
87028	Jul 19	87015	BONGO	85	1S	OBL	5.0	19.5	1702441
87029	Jul 19	87015	BONGO	500	1P	HOR	5.1	71.0	274858
87030	Jul 19	87015	BONGO	500	1S	HOR	5.1	72.0	294585
87031	Jul 19	87015	BONGO	500	2P	HOR	5.1	123.0	193958
87032	Jul 19	87015	BONGO	500	2S	HOR	5.1	123.0	229875
87033	Jul 19	87015	NEUST	500	1	HOR	0.0	116.0	1533
87034	Jul 19	87015	NEUST	500	2	HOR	0.0	120.0	6293
87035	Jul 19	87016	BONGO	85	1P	VER	15.0	2.9	1966207
87036	Jul 19	87016	BONGO	85	1S	VER	15.0	2.9	24007897
87037	Jul 19	87016	BONGO	500	1P	UOB	14.8	125.0	26145
87038	Jul 19	87016	BONGO	500	1S	UOB	14.8	124.0	38362
87039	Jul 19	87016	BONGO	500	2P	UOB	16.1	130.0	19181
87040	Jul 19	87016	BONGO	500	2S	UOB	16.1	131.0	26868
87041	Jul 19	87016	NEUST	500	1	HOR	0.0	105.0	10564
87042	Jul 19	87016	NEUST	500	2	HOR	0.0	98.0	2819
87043	Jul 20	87017	BONGO	85	1P	VER	40.0	7.9	621937
87044	Jul 20	87017	BONGO	85	1S	VER	40.0	7.9	594608
87045	Jul 20	87017	BONGO	500	1P	UOB	38.6	131.0	2146
87046	Jul 20	87017	BONGO	500	1S	UOB	38.6	131.0	5111
87047	Jul 20	87017	BONGO	500	2P	UOB	40.2	127.0	2319
87048	Jul 20	87017	BONGO	500	2S	UOB	40.2	127.0	2694
87049	Jul 20	87017	NEUST	500	1	HOR	0.0	110.0	668
87050	Jul 20	87017	NEUST	500	2	HOR	0.0	95.0	228
87051	Jul 20	87018	BONGO	85	1S	VER	125.0	24.5	365098
87052	Jul 20	87018	BONGO	500	1P	OBL	138.0	175.0	2263
87053	Jul 20	87018	BONGO	500	1S	OBL	138.0	177.0	2785
87054	Jul 20	87018	BONGO	500	2P	OBL	129.3	190.0	2481
87055	Jul 20	87018	BONGO	500	2S	OBL	129.3	192.0	2753
87056	Jul 20	87018	NEUST	500	1	HOR	0.0	95.0	15222
87057	Jul 20	87018	NEUST	500	2	HOR	0.0	104.0	2665
87058	Jul 22	87020	BONGO	85	1P	OBL	4.5	10.7	2389701

[a] Numbers refer to replicate tows. Also, the Bongo net was deployed as a pair off the starboard side of the vessel. Thus, P refers to the inboard net and S to the outboard net of the pair.

[b] HOR = Horizontal; VER = Vertical; OBL = Oblique; UOB = Undulating Oblique.

Table 2. (continued) Summary data for plankton tow samples collected in the Beaufort Sea study area, 1987. Abbreviations: n = number, NEUST = Neuston.

Plankton Sample Number	Date	Station Number	Gear		Tow				Plankton Sample Abundance ($n \cdot 100\ m^3$)
			Type	Mesh Size (μm)	Station Sample Number[a]	Type[b]	Maximum Depth (m)	Volume Filtered (m^3)	
87059	Jul 22	87020	BONGO	85	1S	OBL	4.5	10.7	1985636
87060	Jul 22	87020	BONGO	500	1P	HOR	5.1	172.0	135147
87061	Jul 22	87020	BONGO	500	1S	HOR	5.1	173.0	117369
87062	Jul 22	87020	BONGO	500	2P	HOR	3.4	159.0	194231
87063	Jul 22	87020	BONGO	500	2S	HOR	3.4	161.0	156681
87064	Jul 22	87020	NEUST	500	1	HOR	0.0	110.0	89289
87065	Jul 22	87020	NEUST	500	2	HOR	0.0	144.0	46106
87066	Jul 22	87021	BONGO	85	1P	VER	14.0	2.7	2714889
87067	Jul 22	87021	BONGO	85	1S	VER	14.0	2.7	2322704
87068	Jul 22	87021	BONGO	500	1P	UOB	15.4	160.0	84801
87069	Jul 22	87021	BONGO	500	1S	UOB	15.4	161.0	97446
87070	Jul 22	87021	BONGO	500	2P	UOB	13.6	166.0	83868
87071	Jul 22	87021	BONGO	500	2S	UOB	13.6	168.0	108585
87072	Jul 22	87021	NEUST	500	1	HOR	0.0	149.0	10741
87073	Jul 22	87021	NEUST	500	2	HOR	0.0	150.0	12290
87074	Jul 22	87022	BONGO	85	1P	VER	28.0	5.5	1415800
87075	Jul 22	87022	BONGO	85	1S	VER	28.0	5.5	1369127
87076	Jul 22	87022	BONGO	500	1P	UOB	31.4	178.0	61794
87077	Jul 22	87022	BONGO	500	1S	UOB	31.4	178.0	59085
87078	Jul 22	87022	BONGO	500	2P	UOB	27.5	207.0	49301
87079	Jul 22	87022	BONGO	500	2S	UOB	27.5	208.0	47298
87080	Jul 22	87022	NEUST	500	1	HOR	0.0	129.0	146
87081	Jul 22	87022	NEUST	500	2	HOR	0.0	364.0	102
87082	Jul 23	87023	BONGO	85	1P	VER	47.0	9.2	466772
87083	Jul 23	87023	BONGO	85	1S	VER	47.0	9.2	560500
87084	Jul 23	87023	BONGO	500	1P	UOB	47.0	194.0	33226
87085	Jul 23	87023	BONGO	500	1S	UOB	47.0	192.0	30183
87086	Jul 23	87023	BONGO	500	2P	UOB	44.7	202.0	11640
87087	Jul 23	87023	BONGO	500	2S	UOB	44.7	201.0	11500
87088	Jul 23	87023	NEUST	500	1	HOR	0.0	113.0	681
87089	Jul 23	87023	NEUST	500	2	HOR	0.0	132.0	2202
87090	Jul 23	87024	BONGO	85	1P	VER	28.0	5.5	797673

[a] Numbers refer to replicate tows. Also, the Bongo net was deployed as a pair off the starboard side of the vessel. Thus, P refers to the inboard net and S to the outboard net of the pair.

[b] HOR = Horizontal; VER = Vertical; OBL = Oblique; UOB = Undulating Oblique.

Table 2. (continued) Summary data for plankton tow samples collected in the Beaufort Sea study area, 1987. Abbreviations: n = number, NEUST = Neuston.

Plankton Sample Number	Date	Station Number	Gear		Tow				Plankton Sample Abundance (n·100 m^3)
			Type	Mesh Size (μm)	Station Sample Number[a]	Type[b]	Maximum Depth (m)	Volume Filtered (m^3)	
87091	Jul 23	87024	BONGO	85	1S	VER	28.0	5.5	767655
87092	Jul 23	87024	BONGO	500	1P	UOB	30.8	187.0	19044
87093	Jul 23	87024	BONGO	500	1S	UOB	30.8	186.0	21251
87094	Jul 23	87024	BONGO	500	2P	UOB	28.7	187.0	35882
87095	Jul 23	87024	BONGO	500	2S	UOB	28.7	187.0	34437
87096	Jul 23	87024	NEUST	500	1	HOR	0.0	135.0	28
87097	Jul 23	87024	NEUST	500	2	HOR	0.0	135.0	19
87098	Jul 23	87025	BONGO	85	1P	VER	13.0	2.6	952462
87099	Jul 23	87025	BONGO	85	1S	VER	13.0	2.6	1053077
87100	Jul 23	87025	BONGO	500	1P	UOB	13.8	162.0	11304
87101	Jul 23	87025	BONGO	500	1S	UOB	13.8	163.0	11406
87102	Jul 23	87025	BONGO	500	2P	UOB	13.8	173.0	13707
87103	Jul 23	87025	BONGO	500	2S	UOB	13.8	174.0	13655
87104	Jul 23	87025	NEUST	500	1	HOR	0.0	138.0	128
87105	Jul 23	87025	NEUST	500	2	HOR	0.0	137.0	171
87106	Jul 24	87026	BONGO	85	1P	OBL	5.0	15.1	632530
87107	Jul 24	87026	BONGO	85	1S	OBL	5.0	15.1	600675
87108	Jul 24	87026	BONGO	500	1P	HOR	4.3	208.0	3501
87109	Jul 24	87026	BONGO	500	1S	HOR	4.3	206.0	3397
87110	Jul 24	87026	BONGO	500	2P	HOR	5.5	174.0	7363
87111	Jul 24	87026	BONGO	500	2S	HOR	5.5	173.0	4298
87112	Jul 24	87026	NEUST	500	1	HOR	0.0	140.0	96
87113	Jul 24	87026	NEUST	500	2	HOR	0.0	144.0	132
87118	Jul 26	87014	BONGO	85	1P	OBL	4.0	18.0	1027633
87119	Jul 26	87014	BONGO	85	1S	OBL	4.0	18.0	927083
87121	Jul 26	87014	BONGO	500	1S	HOR	3.3	147.0	97266
87123	Jul 26	87014	BONGO	500	2S	HOR	2.3	191.0	31539
87124	Jul 26	87014	NEUST	500	1	HOR	0.0	154.0	54
87125	Jul 26	87014	NEUST	500	2	HOR	0.0	141.0	152
87130	Jul 26	87027	BONGO	85	1P	OBL	2.9	14.9	40275
87131	Jul 26	87027	BONGO	85	1S	OBL	2.9	14.9	66060
87132	Jul 26	87027	BONGO	500	1P	HOR	2.3	140.0	307

[a] Numbers refer to replicate tows. Also, the Bongo net was deployed as a pair off the starboard side of the vessel. Thus, P refers to the inboard net and S to the outboard net of the pair.

[b] HOR = Horizontal; VER = Vertical; OBL = Oblique; UOB = Undulating Oblique.

Table 2. (continued) Summary data for plankton tow samples collected in the Beaufort Sea study area, 1987. Abbreviations: n = number, NEUST = Neuston.

Plankton Sample Number	Date	Station Number	Gear		Tow				Plankton Sample Abundance ($n \cdot 100\ m^3$)
			Type	Mesh Size (μm)	Station Sample Number[a]	Type[b]	Maximum Depth (m)	Volume Filtered (m^3)	
87133	Jul 26	87027	BONGO	500	1S	HOR	2.3	139.0	230
87134	Jul 26	87027	BONGO	500	2P	HOR	2.5	185.0	84
87135	Jul 26	87027	BONGO	500	2S	HOR	2.5	184.0	89
87136	Jul 26	87027	NEUST	500	1	HOR	0.0	146.0	20
87137	Jul 26	87027	NEUST	500	2	HOR	0.0	148.0	13
87142	Jul 28	87028	BONGO	85	1P	OBL	5.0	14.3	3355797
87143	Jul 28	87028	BONGO	85	1S	OBL	5.0	14.3	3571524
87144	Jul 28	87028	BONGO	500	1P	HOR	4.2	182.0	17552
87145	Jul 28	87028	BONGO	500	1S	HOR	4.2	182.0	17367
87146	Jul 28	87028	BONGO	500	2P	HOR	2.1	213.0	7944
87147	Jul 28	87028	BONGO	500	2S	HOR	2.1	213.0	9490
87150	Jul 28	87028	NEUST	500	1	HOR	0.0	73.0	585
87151	Jul 28	87028	NEUST	500	2	HOR	0.0	81.0	1330
87156	Jul 28	87029	BONGO	85	1P	OBL	6.0	20.1	2346687
87157	Jul 28	87029	BONGO	85	1S	OBL	6.0	20.1	2034289
87158	Jul 28	87029	BONGO	500	1P	HOR	5.0	145.0	14797
87159	Jul 28	87029	BONGO	500	1S	HOR	5.0	155.0	10228
87160	Jul 28	87029	BONGO	500	2P	HOR	3.4	167.0	10184
87161	Jul 28	87029	BONGO	500	2S	HOR	3.4	167.0	11339
87164	Jul 28	87029	NEUST	500	1	HOR	0.0	131.0	2047
87165	Jul 28	87029	NEUST	500	2	HOR	0.0	124.0	642
87170	Jul 29	87030	BONGO	85	1P	OBL	4.3	26.1	2169728
87171	Jul 29	87030	BONGO	85	1S	OBL	4.3	26.1	2357946
87172	Jul 29	87030	BONGO	500	1P	HOR	3.8	162.0	51139
87173	Jul 29	87030	BONGO	500	1S	HOR	3.8	162.0	52670
87174	Jul 29	87030	BONGO	500	2P	HOR	3.0	148.0	33839
87175	Jul 29	87030	BONGO	500	2S	HOR	3.0	147.0	24155
87178	Jul 29	87030	NEUST	500	1	HOR	0.0	119.0	43103
87179	Jul 29	87030	NEUST	500	2	HOR	0.0	115.0	15329
87184	Jul 29	87031	BONGO	85	1P	OBL	2.3	19.5	4615656
87185	Jul 29	87031	BONGO	85	1S	OBL	2.3	19.5	4159979
87186	Jul 29	87031	BONGO	500	1P	HOR	2.3	133.0	21268

[a] Numbers refer to replicate tows. Also, the Bongo net was deployed as a pair off the starboard side of the vessel. Thus, P refers to the inboard net and S to the outboard net of the pair.

[b] HOR = Horizontal; VER = Vertical; OBL = Oblique; UOB = Undulating Oblique.

Table 2. (continued) Summary data for plankton tow samples collected in the Beaufort Sea study area, 1987. Abbreviations: n = number, NEUST = Neuston.

Plankton Sample Number	Date	Station Number	Gear		Tow				Plankton Sample Abundance ($n \cdot 100\ m^3$)
			Type	Mesh Size (μm)	Station Sample Number[a]	Type[b]	Maximum Depth (m)	Volume Filtered (m^3)	
87187	Jul 29	87031	BONGO	500	1S	HOR	2.3	137.0	27291
87188	Jul 29	87031	BONGO	500	2P	HOR	2.3	210.0	29530
87189	Jul 29	87031	BONGO	500	2S	HOR	2.3	211.0	26391
87192	Jul 29	87031	NEUST	500	1	HOR	0.0	149.0	1707
87193	Jul 29	87031	NEUST	500	2	HOR	0.0	142.0	782
87194	Jul 31	87032	BONGO	500	1P	HOR	3.3	130.0	5421
87195	Jul 31	87032	BONGO	500	1S	HOR	3.3	130.0	5488
87196	Jul 31	87032	BONGO	500	2P	HOR	5.7	110.0	9234
87197	Jul 31	87032	BONGO	500	2S	HOR	5.7	121.0	13622
87200	Jul 31	87032	BONGO	85	1P	OBL	7.0	38.8	1645237
87201	Jul 31	87032	BONGO	85	1S	OBL	7.0	38.8	1647608
87205	Jul 31	87032	NEUST	500	1	HOR	0.0	185.0	561
87206	Jul 31	87032	NEUST	500	2	HOR	0.0	135.0	425
87207	Aug 1	87033	BONGO	500	1P	HOR	5.0	119.0	48888
87208	Aug 1	87033	BONGO	500	1S	HOR	5.0	144.0	43407
87209	Aug 1	87033	BONGO	500	2P	HOR	3.0	207.0	54962
87210	Aug 1	87033	BONGO	500	2S	HOR	3.0	219.0	62689
87213	Aug 1	87033	BONGO	85	1P	OBL	7.0	55.0	892784
87214	Aug 1	87033	BONGO	85	1S	OBL	7.0	55.0	495624
87217	Aug 1	87033	NEUST	500	1	HOR	0.0	127.0	3060
87218	Aug 1	87033	NEUST	500	2	HOR	0.0	131.0	11880
87219	Aug 2	87034	BONGO	85	1P	VER	14.0	2.7	3168704
87220	Aug 2	87034	BONGO	85	1S	VER	14.0	2.7	2643741
87221	Aug 2	87034	BONGO	500	1P	UOB	15.0	129.0	7215
87222	Aug 2	87034	BONGO	500	1S	UOB	15.0	140.0	5884
87224	Aug 2	87034	BONGO	500	2S	UOB	16.0	133.0	5968
87227	Aug 2	87034	NEUST	500	1	HOR	0.0	156.0	310
87228	Aug 2	87034	NEUST	500	2	HOR	0.0	137.0	1839
87229	Aug 3	87035	BONGO	85	1P	VER	26.0	5.1	1683275
87230	Aug 3	87035	BONGO	85	1S	VER	26.0	5.1	1525255
87231	Aug 3	87035	BONGO	500	1P	UOB	23.9	158.0	6111
87232	Aug 3	87035	BONGO	500	1S	UOB	23.9	171.0	5895

[a] Numbers refer to replicate tows. Also, the Bongo net was deployed as a pair off the starboard side of the vessel. Thus, P refers to the inboard net and S to the outboard net of the pair.

[b] HOR = Horizontal; VER = Vertical; OBL = Oblique; UOB = Undulating Oblique.

Table 2. (continued) Summary data for plankton tow samples collected in the Beaufort Sea study area, 1987. Abbreviations: n = number, NEUST = Neuston.

Plankton Sample Number	Date	Station Number	Gear		Tow				Plankton Sample Abundance ($n \cdot 100\ m^3$)
			Type	Mesh Size (μm)	Station Sample Number[a]	Type[b]	Maximum Depth (m)	Volume Filtered (m^3)	
87234	Aug 3	87035	BONGO	500	2S	UOB	23.9	167.0	5051
87237	Aug 3	87035	NEUST	500	1	HOR	0.0	167.0	647
87238	Aug 3	87035	NEUST	500	2	HOR	0.0	125.0	510
87239	Aug 4	87036	BONGO	85	1P	VER	180.0	35.3	226960
87240	Aug 4	87036	BONGO	85	1S	VER	180.0	35.3	491431
87241	Aug 4	87036	BONGO	500	1P	OBL	286.0	314.0	3773
87242	Aug 4	87036	BONGO	500	1S	OBL	286.0	323.0	3455
87244	Aug 4	87036	BONGO	500	2S	OBL	263.0	342.0	3540
87247	Aug 4	87036	NEUST	500	1	HOR	0.0	163.0	393
87248	Aug 4	87036	NEUST	500	2	HOR	0.0	124.0	14
87249	Aug 5	87037	BONGO	500	1P	OBL	344.0	350.0	2909
87253	Aug 5	87039	BONGO	500	1P	UOB	43.6	174.0	13107
87254	Aug 5	87039	BONGO	500	1S	UOB	43.6	184.0	11211
87255	Aug 5	87039	BONGO	500	2P	UOB	49.0	124.0	6167
87256	Aug 5	87039	BONGO	500	2S	UOB	49.0	162.0	5862
87258	Aug 5	87039	NEUST	500	1	HOR	0.0	164.0	80
87259	Aug 5	87039	NEUST	500	2	HOR	0.0	139.0	165
87260	Aug 6	87039	BONGO	85	1P	VER	47.0	9.2	1331174
87261	Aug 6	87039	BONGO	85	1S	VER	47.0	9.2	2858033
87262	Aug 21	87060	BONGO	85	1P	VER	6.0	1.2	5256167
87263	Aug 21	87060	BONGO	85	1S	VER	6.0	1.2	4960750
87264	Aug 21	87060	BONGO	500	1P	HOR	2.6	205.0	28727
87265	Aug 21	87060	BONGO	500	1S	HOR	2.6	205.0	3297
87267	Aug 21	87060	BONGO	500	2S	HOR	5.2	192.0	145236
87268	Aug 21	87060	NEUST	500	1	HOR	0.0	153.0	6672
87269	Aug 21	87060	NEUST	500	2	HOR	0.0	142.0	3658
87270	Aug 22	87061	BONGO	85	1P	VER	7.0	1.4	2505000
87271	Aug 22	87061	BONGO	85	1S	VER	7.0	1.4	2235000
87272	Aug 22	87061	BONGO	500	1P	HOR	3.2	192.0	16289
87273	Aug 22	87061	BONGO	500	1S	HOR	3.2	179.0	15772
87274	Aug 22	87061	BONGO	500	2P	HOR	4.8	210.0	16776
87275	Aug 22	87061	BONGO	500	2S	HOR	4.8	208.0	28582

[a] Numbers refer to replicate tows. Also, the Bongo net was deployed as a pair off the starboard side of the vessel. Thus, P refers to the inboard net and S to the outboard net of the pair.

[b] HOR = Horizontal; VER = Vertical; OBL = Oblique; UOB = Undulating Oblique.

Table 2. (continued) Summary data for plankton tow samples collected in the Beaufort Sea study area, 1987. Abbreviations: n = number, NEUST = Neuston.

Plankton Sample Number	Date	Station Number	Gear		Tow				Plankton Sample Abundance ($n \cdot 100\ m^3$)
			Type	Mesh Size (μm)	Station Sample Number[a]	Type[b]	Maximum Depth (m)	Volume Filtered (m^3)	
87276	Aug 22	87061	NEUST	500	1	HOR	0.0	123.0	29024
87277	Aug 22	87061	NEUST	500	2	HOR	0.0	120.0	26787
87278	Aug 22	87062	BONGO	85	1S	VER	30.0	5.9	968220
87279	Aug 22	87062	BONGO	500	1P	UOB	27.5	145.0	20112
87280	Aug 22	87062	BONGO	500	1S	UOB	27.5	145.0	8907
87281	Aug 22	87062	BONGO	500	2P	UOB	21.1	153.0	3131
87282	Aug 22	87062	BONGO	500	2S	UOB	21.1	155.0	3795
87283	Aug 22	87062	NEUST	500	1	HOR	0.0	144.0	1368
87284	Aug 22	87062	NEUST	500	2	HOR	0.0	131.0	667
87285	Aug 23	87063	BONGO	85	1S	VER	200.0	39.3	37125
87286	Aug 23	87063	BONGO	500	1P	OBL	160.6	233.0	8560
87287	Aug 23	87063	BONGO	500	1S	OBL	160.6	244.0	10580
87288	Aug 23	87063	BONGO	500	2P	OBL	118.3	139.0	31355
87289	Aug 23	87063	BONGO	500	2S	OBL	118.3	148.0	29835
87290	Aug 23	87063	NEUST	500	1	HOR	0.0	121.0	40
87292	Aug 24	87064	BONGO	85	1P	VER	15.0	2.9	4129000
87293	Aug 24	87064	BONGO	85	1S	VER	15.0	2.9	4777172
87294	Aug 24	87064	BONGO	500	1P	UOB	12.7	184.0	191523
87295	Aug 24	87064	BONGO	500	1S	UOB	12.7	183.0	235598
87296	Aug 24	87064	BONGO	500	2P	UOB	11.8	191.0	26386
87297	Aug 24	87064	BONGO	500	2S	UOB	11.8	189.0	16261
87298	Aug 24	87064	NEUST	500	1	HOR	0.0	135.0	253
87299	Aug 24	87064	NEUST	500	2	HOR	0.0	129.0	374
87300	Aug 25	87066	BONGO	85	1P	VER	7.0	1.4	31142929
87301	Aug 25	87066	BONGO	500	1P	HOR	2.8	229.0	5012
87302	Aug 25	87066	BONGO	500	1S	HOR	2.8	230.0	2766
87303	Aug 25	87066	BONGO	500	2P	HOR	5.0	217.0	34877
87304	Aug 25	87066	BONGO	500	2S	HOR	5.0	216.0	16219
87305	Aug 25	87066	NEUST	500	1	HOR	0.0	130.0	3473
87306	Aug 25	87066	NEUST	500	2	HOR	0.0	136.0	2058
87307	Aug 25	87067	BONGO	85	1P	VER	14.0	2.7	1130852
87308	Aug 25	87067	BONGO	85	1S	VER	14.0	2.7	2562407

[a] Numbers refer to replicate tows. Also, the Bongo net was deployed as a pair off the starboard side of the vessel. Thus, P refers to the inboard net and S to the outboard net of the pair.

[b] HOR = Horizontal; VER = Vertical; OBL = Oblique; UOB = Undulating Oblique.

Table 2. (continued) Summary data for plankton tow samples collected in the Beaufort Sea study area, 1987. Abbreviations: n = number, NEUST = Neuston.

Plankton Sample Number	Date	Station Number	Gear		Tow				Plankton Sample Abundance ($n \cdot 100\ m^3$)
			Type	Mesh Size (μm)	Station Sample Number[a]	Type[b]	Maximum Depth (m)	Volume Filtered (m^3)	
87309	Aug 25	87067	BONGO	500	1P	UOB	11.8	155.0	7465
87310	Aug 25	87067	BONGO	500	1S	UOB	11.8	155.0	5048
87311	Aug 25	87067	BONGO	500	2P	UOB	11.8	196.0	11884
87312	Aug 25	87067	BONGO	500	2S	UOB	11.8	195.0	9164
87313	Aug 25	87067	NEUST	500	1	HOR	0.0	141.0	1250
87314	Aug 25	87067	NEUST	500	2	HOR	0.0	139.0	2206
87315	Aug 26	87065	BONGO	85	1P	VER	24.0	4.7	1316553
87316	Aug 26	87065	BONGO	85	1S	VER	24.0	4.7	1539617
87317	Aug 26	87065	BONGO	500	1P	UOB	21.1	193.0	9510
87318	Aug 26	87065	BONGO	500	1S	UOB	21.1	194.0	6204
87319	Aug 26	87065	BONGO	500	2P	UOB	17.0	218.0	2439
87320	Aug 26	87065	BONGO	500	2S	UOB	17.0	218.0	1593
87321	Aug 26	87065	NEUST	500	1	HOR	0.0	148.0	17
87322	Aug 26	87065	NEUST	500	2	HOR	0.0	141.0	16
87323	Aug 27	87068	BONGO	85	1P	VER	6.0	1.2	1759750
87324	Aug 27	87068	BONGO	500	1P	HOR	3.2	181.0	818
87325	Aug 27	87068	BONGO	500	1S	HOR	3.2	183.0	396
87326	Aug 27	87068	BONGO	500	2P	HOR	4.2	218.0	1239
87327	Aug 27	87068	BONGO	500	2S	HOR	4.2	217.0	433
87328	Aug 27	87068	NEUST	500	1	HOR	0.0	88.0	586
87329	Aug 27	87068	NEUST	500	2	HOR	0.0	126.0	366
87330	Aug 27	87069	BONGO	85	1P	VER	14.0	2.7	675815
87331	Aug 27	87069	BONGO	85	1S	VER	14.0	2.7	1012333
87332	Aug 27	87069	BONGO	500	1P	UOB	13.6	174.0	682
87333	Aug 27	87069	BONGO	500	1S	UOB	13.6	173.0	612
87334	Aug 27	87069	BONGO	500	2P	UOB	10.3	228.0	1031
87335	Aug 27	87069	BONGO	500	2S	UOB	10.3	226.0	1221
87336	Aug 27	87069	NEUST	500	1	HOR	0.0	100.0	1561
87337	Aug 27	87069	NEUST	500	2	HOR	0.0	122.0	348

[a] Numbers refer to replicate tows. Also, the bongo net was deployed as a pair off the starboard side of the vessel. Thus, P refers to the inboard net and S to the outboard net of the pair.

[b] HOR = Horizontal; VER = Vertical; OBL = Oblique; UOB = Undulating Oblique.

Table 3. Stomach fullness codes used in Table 11.

Code	Description
0	Empty
1	1/3 full, digested
2	1/3 full, good condition
3	2/3 full, digested
4	2/3 full, good condition
5	Full, digested
6	Full, good condition

Table 4. Description of stomach comment codes used in Table 12.

Code	Description
0	no comment
5	poor condition
32	larva
35	nauplii
38	juveniles
39	fragments
50	empty stomach
58	parasite
71	copepodite I
72	copepodite II
73	copepodite III
74	copepodite IV
75	copepodite V
76	adult female (copepodite VI)
77	adult male (copepodite VI)
78	nauplius <200 *µm*
79	nauplius 200-400 *µm*
80	nauplius >400 *µm*
81	copepodite <400 *µm* – cyclopoids and harpacticoids only
82	copepodite 400-800 *µm* – cyclopoids and harpacticoids only
83	egg
90	cyprid

Table 5. Scientific and common names of fishes captured in the Canadian Beaufort Sea shelf, July to September 1987.

Scientific Name	Authority	Common Name
Family Clupeidae		
Clupea harengus pallasi [1]	Valenciennes	Pacific herring
Family Salmonidae		
Coregonus sp.		
C. autumnalis	(Pallas, 1776)	Arctic cisco
C. sardinella	Valenciennes in Cuvier and Valenciennes, 1848	Least cisco
Family Osmeridae		
Osmerus mordax	(Mitchill, 1814)	Rainbow smelt
Family Gadidae		
Arctogadus sp.		
Boreogadus saida	(Lepechin, 1774)	Arctic cod
Eleginus gracilis	(Tilesius, 1810)	Saffron cod
Family Ammodytidae		
Family Stichaeidae		
Anisarchus medius [2]	Reinhardt	Stout eelblenny
Family Zoarcidae		
Lycodes sp.		
Family Pleuronectidae		
Family Cottidae		
Artediellus scaber	Knipowitsch, 1907	Hamecon
Gymnocanthus tricuspis	(Reinhardt, 1830)	Arctic staghorn sculpin
Icelus sp.		
Myoxocephalus quadricornis	(Linnaeus, 1758)	Fourhorn sculpin
Triglops pingeli	Reinhardt, 1837	Ribbed sculpin
Family Cyclopteridae		
Liparis sp.		
L. fabricii	Krøyer, 1847	Gelatinous snailfish
L. tunicatus	Reinhardt, 1837	Greenland seasnail

Notes: 1) *Clupea harengus pallasi* is now referred to as *Clupea pallasi*, Valenciennes in Cuvier and Valenciennes, 1847.
2) *Anisarchus medius* is now referred to as *Lumpenus medius*, Reinhardt, 1837.

Table 6. Summary of larval fishes and young-of-the-year juvenile coregonid fishes caught in 500 μm Bongo samples taken from the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Depth[a]	Tow Type[b]	Taxon	Count per Sample[c]			
					P1	S1	P2	S2
87014	87121		HOR	*Eleginus gracilis*		2		
87014	87121		HOR	Family: Pleuronectidae		1		
87014	87121		HOR	Unidentified fish larvae		4		
87014	87123		HOR	*Osmerus mordax*				10
87014	87123		HOR	Family: Pleuronectidae				6
87015	87029		HOR	*Boreogadus saida*	2			
87015	87029		HOR	*Icelus sp.*	2			
87015	87030		HOR	*Boreogadus saida*		2		
87015	87030		HOR	*Liparis sp.*		1		
87015	87031		HOR	*Clupea harengus pallasi*			1	
87015	87031		HOR	*Icelus sp.*			2	
87015	87032		HOR	*Triglops pingeli*				1
87016	87037		UOB	*Liparis sp.*	1			
87016	87037		UOB	*Liparis fabricii*	4			
87016	87038		UOB	*Icelus sp.*		4		
87016	87038		UOB	*Liparis fabricii*		2		
87016	87039		UOB	*Icelus sp.*			7	
87016	87040		UOB	*Icelus sp.*				1
87017	87045		UOB	*Icelus sp.*	2			
87017	87046		UOB	*Anisarchus medius*		2		
87017	87047		UOB	*Anisarchus medius*			2	
87017	87048		UOB	*Liparis fabricii*				2
87018	87052		OBL	*Liparis fabricii*	2			
87018	87052		OBL	*Anisarchus medius*	2			
87018	87055		OBL	*Boreogadus saida*				1
87020	87060		HOR	*Icelus sp.*	2			
87020	87060		HOR	*Myoxocephalus quadricornis*	2			
87020	87060		HOR	*Anisarchus medius*	3			
87020	87061		HOR	*Osmerus mordax*		1		
87020	87061		HOR	*Icelus sp.*		2		
87020	87061		HOR	*Myoxocephalus quadricornis*		1		
87020	87061		HOR	*Anisarchus medius*		2		
87020	87062		HOR	*Osmerus mordax*			2	
87020	87062		HOR	*Myoxocephalus quadricornis*			2	
87020	87062		HOR	*Liparis tunicatus*			2	
87020	87062		HOR	*Anisarchus medius*			12	
87020	87063		HOR	*Liparis sp.*				2
87020	87063		HOR	*Anisarchus medius*				18
87020	87063		HOR	Unidentified fish larvae				1
87021	87068		UOB	*Osmerus mordax*	2			
87021	87068		UOB	*Liparis fabricii*	2			
87021	87068		UOB	*Anisarchus medius*	14			
87021	87069		UOB	*Icelus sp.*		3		
87021	87069		UOB	*Liparis fabricii*		2		
87021	87069		UOB	*Anisarchus medius*		17		
87021	87070		UOB	*Icelus sp.*			2	
87021	87070		UOB	*Anisarchus medius*			13	
87021	87071		UOB	*Myoxocephalus quadricornis*				2
87021	87071		UOB	*Anisarchus medius*				14
87022	87076		UOB	*Boreogadus saida*	2			
87022	87076		UOB	*Gymnocanthus tricuspis*	1			

[a] Empty cell means missing data

[b] HOR = Horizontal; OBL = Oblique; UOB = Undulating Oblique.

[c] The Bongo net was deployed as a pair off the starboard side of the vessel. Thus, P refers to the inboard net and S to the outboard net of the pair. The numbers next to P and S refer to replicate tows.

Table 6. (continued) Summary of larval fishes and young-of-the-year juvenile coregonid fishes caught in 500 μm Bongo samples taken from the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Depth[a]	Tow Type[b]	Taxon	Count per Sample[c]			
					P1	S1	P2	S2
87022	87076		UOB	*Icelus sp.*	2			
87022	87076		UOB	*Liparis sp.*	1			
87022	87076		UOB	*Liparis fabricii*	6			
87022	87076		UOB	*Anisarchus medius*	3			
87022	87077		UOB	*Icelus sp.*		4		
87022	87077		UOB	*Myoxocephalus quadricornis*		2		
87022	87077		UOB	*Anisarchus medius*		8		
87022	87078		UOB	*Gymnocanthus tricuspis*			2	
87022	87078		UOB	*Icelus sp.*			4	
87022	87078		UOB	*Anisarchus medius*			3	
87022	87079		UOB	*Myoxocephalus quadricornis*				2
87022	87079		UOB	*Liparis sp.*				1
87022	87079		UOB	*Anisarchus medius*				4
87023	87084		UOB	*Boreogadus saida*	4			
87023	87084		UOB	*Liparis fabricii*	4			
87023	87084		UOB	*Anisarchus medius*	2			
87023	87085		UOB	*Liparis sp.*		1		
87023	87085		UOB	*Anisarchus medius*		2		
87023	87086		UOB	*Icelus sp.*			14	
87023	87086		UOB	*Anisarchus medius*			5	
87023	87087		UOB	*Icelus sp.*				3
87023	87087		UOB	*Anisarchus medius*				4
87024	87092		UOB	Family: Cottidae	5			
87024	87092		UOB	*Liparis sp.*	1			
87024	87092		UOB	*Anisarchus medius*	8			
87024	87093		UOB	*Boreogadus saida*		2		
87024	87093		UOB	*Icelus sp.*		5		
87024	87093		UOB	*Anisarchus medius*		14		
87024	87094		UOB	*Icelus sp.*			1	
87024	87094		UOB	*Liparis sp.*			1	
87024	87094		UOB	*Liparis fabricii*			2	
87024	87094		UOB	*Anisarchus medius*			7	
87024	87095		UOB	*Icelus sp.*				8
87024	87095		UOB	*Liparis sp.*				1
87024	87095		UOB	*Anisarchus medius*				16
87025	87100		UOB	*Icelus sp.*	5			
87025	87100		UOB	*Liparis sp.*	2			
87025	87100		UOB	*Anisarchus medius*	10			
87025	87101		UOB	*Icelus sp.*		1		
87025	87101		UOB	*Liparis sp.*		1		
87025	87101		UOB	*Anisarchus medius*		18		
87025	87102		UOB	*Icelus sp.*			14	
87025	87102		UOB	*Triglops pingeli*			1	
87025	87102		UOB	*Liparis sp.*			3	
87025	87102		UOB	*Anisarchus medius*			18	
87025	87103		UOB	*Boreogadus saida*				6
87025	87103		UOB	*Icelus sp.*				6
87025	87103		UOB	*Triglops pingeli*				1
87025	87103		UOB	*Liparis sp.*				1

[a] Empty cell means missing data

[b] HOR = Horizontal; OBL = Oblique; UOB = Undulating Oblique.

[c] The Bongo net was deployed as a pair off the starboard side of the vessel. Thus, P refers to the inboard net and S to the outboard net of the pair. The numbers next to P and S refer to replicate tows.

Table 6. (continued) Summary of larval fishes and young-of-the-year juvenile coregonid fishes caught in 500 μm Bongo samples taken from the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Depth[a]	Tow Type[b]	Taxon	Count per Sample[c]			
					P1	S1	P2	S2
87025	87103		UOB	*Liparis fabricii*				2
87025	87103		UOB	*Anisarchus medius*				19
87026	87108		HOR	*Osmerus mordax*	1			
87026	87108		HOR	*Boreogadus saida*	2			
87026	87108		HOR	*Icelus sp.*	2			
87026	87108		HOR	*Anisarchus medius*	6			
87026	87108		HOR	Family: Pleuronectidae	1			
87026	87109		HOR	*Osmerus mordax*		12		
87026	87109		HOR	*Anisarchus medius*		16		
87026	87110		HOR	*Icelus sp.*			2	
87026	87110		HOR	*Liparis sp.*			1	
87026	87110		HOR	*Anisarchus medius*			23	
87026	87111		HOR	*Boreogadus saida*				2
87026	87111		HOR	*Icelus sp.*				2
87026	87111		HOR	*Liparis tunicatus*				2
87026	87111		HOR	*Anisarchus medius*				25
87027	87133		HOR	*Coregonus sardinella*		1		
87027	87134		HOR	*Coregonus sardinella*			2	
87028	87144		HOR	Family: Pleuronectidae	1			
87028	87146		HOR	*Clupea harengus pallasi*			4	
87028	87147		HOR	*Clupea harengus pallasi*				3
87028	87147		HOR	*Myoxocephalus quadricornis*				2
87029	87158		HOR	*Anisarchus medius*	12			
87029	87159		HOR	*Anisarchus medius*		10		
87029	87160		HOR	*Anisarchus medius*			48	
87029	87161		HOR	*Anisarchus medius*				45
87030	87172		HOR	Family: Pleuronectidae	1			
87030	87173		HOR	Family: Pleuronectidae		2		
87030	87175		HOR	*Eleginus gracilis*				6
87030	87175		HOR	*Liparis sp.*				2
87031	87187		HOR	*Clupea harengus pallasi*		4		
87031	87188		HOR	*Clupea harengus pallasi*			3	
87031	87189		HOR	*Clupea harengus pallasi*				4
87031	87189		HOR	*Osmerus mordax*				2
87031	87189		HOR	Family: Pleuronectidae				2
87032	87194		HOR	Family: Pleuronectidae	4			
87032	87195		HOR	*Anisarchus medius*		4		
87032	87195		HOR	Family: Pleuronectidae		4		
87032	87196		HOR	*Anisarchus medius*			4	
87032	87197		HOR	*Anisarchus medius*				3
87033	87207		HOR	*Clupea harengus pallasi*	2			
87033	87207		HOR	*Anisarchus medius*	3			
87033	87208		HOR	Unidentified fish larvae		2		
87033	87209		HOR	*Anisarchus medius*			11	
87033	87210		HOR	*Eleginus gracilis*				2
87033	87210		HOR	*Anisarchus medius*				12
87033	87210		HOR	Family: Pleuronectidae				1
87034	87221		UOB	*Boreogadus saida*	19			
87034	87221		UOB	*Myoxocephalus quadricornis*	1			

[a] Empty cell means missing data

[b] HOR = Horizontal; OBL = Oblique; UOB = Undulating Oblique.

[c] The Bongo net was deployed as a pair off the starboard side of the vessel. Thus, P refers to the inboard net and S to the outboard net of the pair. The numbers next to P and S refer to replicate tows.

Table 6. (continued) Summary of larval fishes and young-of-the-year juvenile coregonid fishes caught in 500 μm Bongo samples taken from the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Depth[a]	Tow Type[b]	Taxon	Count per Sample[c]			
					P1	S1	P2	S2
87034	87221		UOB	*Liparis sp.*	2			
87034	87221		UOB	*Anisarchus medius*	2			
87034	87222		UOB	*Boreogadus saida*		13		
87034	87222		UOB	*Liparis sp.*		1		
87034	87222		UOB	*Anisarchus medius*		4		
87034	87224		UOB	*Boreogadus saida*				13
87034	87224		UOB	*Icelus sp.*				2
87034	87224		UOB	*Anisarchus medius*				4
87035	87231		UOB	*Gymnocanthus tricuspis*	5			
87035	87231		UOB	*Icelus sp.*	6			
87035	87231		UOB	*Anisarchus medius*	2			
87035	87232		UOB	*Boreogadus saida*		10		
87035	87232		UOB	*Icelus sp.*		2		
87035	87232		UOB	*Anisarchus medius*		4		
87035	87234		UOB	*Boreogadus saida*				12
87036	87241		OBL	*Boreogadus saida*	8			
87036	87242		OBL	*Boreogadus saida*		6		
87036	87244		OBL	*Boreogadus saida*				1
87039	87253		UOB	*Boreogadus saida*	5			
87039	87254		UOB	*Boreogadus saida*		2		
87039	87255		UOB	*Arctogadus sp.*			1	
87039	87255		UOB	*Boreogadus saida*			5	
87060	87264	Shallow	HOR	*Liparis sp.*	1			
87060	87265	Shallow	HOR	*Clupea harengus pallasi*		4		
87060	87265	Shallow	HOR	Family: Ammodytidae		1		
87060	87267	Deep	HOR	*Gymnocanthus tricuspis*				22
87060	87267	Deep	HOR	*Liparis sp.*				1
87060	87267	Deep	HOR	*Anisarchus medius*				6
87061	87272	Shallow	HOR	*Artediellus scaber*	1			
87061	87272	Shallow	HOR	*Gymnocanthus tricuspis*	2			
87061	87272	Shallow	HOR	*Liparis sp.*	2			
87061	87272	Shallow	HOR	*Anisarchus medius*	2			
87061	87274	Deep	HOR	*Liparis sp.*			2	
87061	87275	Deep	HOR	*Boreogadus saida*				2
87061	87275	Deep	HOR	*Anisarchus medius*				2
87062	87279		UOB	*Boreogadus saida*	10			
87062	87279		UOB	*Liparis sp.*	1			
87062	87280		UOB	*Boreogadus saida*		14		
87062	87281		UOB	*Arctogadus sp.*			1	
87062	87281		UOB	*Boreogadus saida*			30	
87062	87282		UOB	*Boreogadus saida*				17
87063	87287		OBL	*Boreogadus saida*		4		
87063	87288		OBL	*Boreogadus saida*			4	
87063	87289		OBL	*Boreogadus saida*				3
87064	87294		UOB	*Boreogadus saida*	12			
87064	87294		UOB	*Gymnocanthus tricuspis*	19			
87064	87294		UOB	*Liparis tunicatus*	2			
87064	87294		UOB	*Anisarchus medius*	10			
87064	87295		UOB	*Boreogadus saida*		7		

[a] Empty cell means missing data

[b] HOR = Horizontal; OBL = Oblique; UOB = Undulating Oblique.

[c] The Bongo net was deployed as a pair off the starboard side of the vessel. Thus, P refers to the inboard net and S to the outboard net of the pair. The numbers next to P and S refer to replicate tows.

Table 6. (continued) Summary of larval fishes and young-of-the-year juvenile coregonid fishes caught in 500 μm Bongo samples taken from the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Depth[a]	Tow Type[b]	Taxon	Count per Sample[c]			
					P1	S1	P2	S2
87064	87295		UOB	*Gymnocanthus tricuspis*		22		
87064	87295		UOB	*Liparis tunicatus*		2		
87064	87295		UOB	*Anisarchus medius*		4		
87064	87296		UOB	*Boreogadus saida*			13	
87064	87296		UOB	*Gymnocanthus tricuspis*			2	
87067	87296		UOB	*Anisarchus medius*			1	
87064	87297		UOB	*Boreogadus saida*				12
87064	87297		UOB	*Anisarchus medius*				11
87065	87317		UOB	*Boreogadus saida*	6			
87065	87317		UOB	*Gymnocanthus tricuspis*	3			
87065	87317		UOB	*Liparis tunicatus*	6			
87065	87317		UOB	*Anisarchus medius*	1			
87065	87318		UOB	*Boreogadus saida*		4		
87065	87318		UOB	*Gymnocanthus tricuspis*		2		
87065	87318		UOB	*Liparis tunicatus*		4		
87065	87320		UOB	*Gymnocanthus tricuspis*				1
87066	87301	Shallow	HOR	*Coregonus autumnalis*	1			
87066	87302	Shallow	HOR	*Clupea harengus pallasi*		2		
87066	87303	Deep	HOR	*Boreogadus saida*			2	
87067	87312		UOB	*Gymnocanthus tricuspis*				2
87068	87324	Shallow	HOR	*Clupea harengus pallasi*	2			
87068	87326	Deep	HOR	*Gymnocanthus tricuspis*			6	
87068	87327	Deep	HOR	*Clupea harengus pallasi*				2
87068	87327	Deep	HOR	*Gymnocanthus tricuspis*				4
87069	87332		UOB	*Boreogadus saida*	1			
87069	87332		UOB	*Anisarchus medius*	4			
87069	87333		UOB	*Boreogadus saida*		1		
87069	87333		UOB	*Anisarchus medius*		6		

[a] Empty cell means missing data

[b] HOR = Horizontal; OBL = Oblique; UOB = Undulating Oblique.

[c] The Bongo net was deployed as a pair off the starboard side of the vessel. Thus, P refers to the inboard net and S to the outboard net of the pair. The numbers next to P and S refer to replicate tows.

Table 7. Summary of larval fishes and young-of-the-year juvenile coregonid fishes caught in Neuston samples taken from the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Taxon	Count per Sample[a]	
			S1	S2
87014	87124	*Coregonus sardinella*	1	
87014	87124	*Osmerus mordax*	1	
87014	87125	*Coregonus sardinella*		1
87014	87125	Unidentified fish larvae		1
87017	87050	*Myoxocephalus quadricornis*		2
87018	87056	*Myoxocephalus quadricornis*	2	
87020	87064	*Anisarchus medius*	14	
87020	87064	*Coregonus sp.*	1	
87020	87064	*Myoxocephalus quadricornis*	6	
87020	87064	*Osmerus mordax*	5	
87020	87065	*Coregonus autumnalis*		1
87020	87065	*Myoxocephalus quadricornis*		13
87020	87065	*Osmerus mordax*		10
87020	87065	Unidentified fish larvae		2
87021	87072	*Anisarchus medius*	1	
87021	87072	*Osmerus mordax*	2	
87021	87073	*Myoxocephalus quadricornis*		4
87021	87073	*Osmerus mordax*		2
87021	87073	Unidentified fish larvae		1
87022	87081	*Myoxocephalus quadricornis*		2
87023	87089	*Myoxocephalus quadricornis*		2
87025	87105	*Myoxocephalus quadricornis*		2
87026	87112	*Myoxocephalus quadricornis*	2	
87026	87112	Unidentified fish larvae	1	
87027	87136	*Coregonus sp.*	1	
87028	87151	*Coregonus autumnalis*		1
87029	87164	*Anisarchus medius*	2	
87029	87164	Family: Pleuronectidae	3	
87029	87165	*Anisarchus medius*		1
87029	87165	*Coregonus sp.*		1
87030	87178	Family: Pleuronectidae	2	
87031	87192	*Coregonus sardinella*	1	
87031	87193	*Clupea harengus pallasi*		2
87032	87206	*Myoxocephalus quadricornis*		2
87033	87218	Family: Pleuronectidae		1
87060	87268	*Myoxocephalus quadricornis*	2	
87060	87269	*Gymnocanthus tricuspis*		2
87062	87283	*Lycodes sp.*	1	
87062	87284	*Lycodes sp.*		1
87064	87299	*Eleginus gracilis*		2
87064	87299	*Gymnocanthus tricuspis*		1
87066	87305	Family: Pleuronectidae	1	

[a] The Neuston net was deployed off the starboard side of the vessel. Thus, S refers to the starboard side. The numbers next to S refer to replicate tows.

Table 8. Larval fish catch summary for 85 µm Bongo samples taken from the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Tow type[a]	Taxon	Count per sample[b]	
				Port	Starboard
87015	87027	OBL	*Boreogadus saida*	1	
87015	87028	OBL	*Osmerus mordax*		1
87017	87043	VER	*Liparis fabricii*	10	
87020	87059	OBL	Family Cottidae		1
87026	87106	OBL	Family: Stichaeidae	1	
87026	87107	OBL	Family: Stichaeidae		2
87029	87156	OBL	Family: Stichaeidae	1	
87030	87170	OBL	Family: Stichaeidae	1	
87031	87184	OBL	Family: Stichaeidae	1	
87036	87239	VER	*Boreogadus saida*	1	
87037	87252		*Boreogadus saida*		12

[a] OBL = Oblique; VER = Vertical; blank cell is missing data.
[b] The Bongo net was deployed as a pair off the starboard side of the vessel. Thus Port refers to the inboard net and Starboard to the outboard net of the pair.

Table 9. Summary of coregonids caught in 500 µm Bongo samples taken from the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Species	Count per Sample
87027	87133	*Coregonus sardinella*	1
87027	87134	*Coregonus sardinella*	2
87066	87301	*Coregonus autumnalis*	1

Table 10. Summary of coregonids caught in Neuston samples taken from the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Species	Count per Sample
87014	87124	*Coregonus sardinella*	1
87014	87125	*Coregonus sardinella*	1
87020	87064	*Coregonus sp.*	1
87020	87065	*Coregonus autumnalis*	1
87027	87136	*Coregonus sp.*	1
87028	87151	*Coregonus autumnalis*	1
87029	87165	*Coregonus sp.*	1
87031	87192	*Coregonus sardinella*	1

Table 11. Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87015	87027	2118	*Liparis sp.*	15.50			W	5
87015	87028		*O. mordax*	17.50	18.00	0.012	N	
87015	87029	1896	*B. saida*	65.70			S	6
87015	87029		*B. saida*	67.00	74.00	2.195	N	
87015	87029	2005	*Icelus sp.*	15.70			W	5
87015	87029		*Icelus sp.*	16.50	19.50	0.044	N	
87015	87030	1895	*B. saida*	65.70			S	6
87015	87030		*B. saida*	67.00	73.00	1.951	N	
87015	87031	1849	*C. harengus pallasi*	34.50			S	2
87015	87031	2003	*Icelus sp.*	13.50			W	5
87015	87031		*Icelus sp.*	14.00	16.50	0.018	N	
87015	87032		*T. pingeli*	27.00	32.00	0.175	N	
87016	87037	2080	*L. fabricii*	15.80			W	3
87016	87037	2081	*L. fabricii*	22.70			S	4
87016	87037		*L. fabricii*	24.00	26.50	0.114	N	
87016	87037		*L. fabricii*	15.00	17.00	0.045	N	
87016	87038	2010	*Icelus sp.*	13.80			W	5
87016	87038	2011	*Icelus sp.*	15.50			W	5
87016	87038		*Icelus sp.*	14.00	16.00	0.018	N	
87016	87038		*Icelus sp.*	17.00	19.50	0.039	N	
87016	87038	2075	*L. fabricii*	23.50			S	2
87016	87038		*L. fabricii*	24.00	27.00	0.135	N	
87016	87039	2006	*Icelus sp.*	15.40			W	5
87016	87039	2007	*Icelus sp.*	17.30			W	5
87016	87039	2008	*Icelus sp.*	18.50			W	3
87016	87039	2009	*Icelus sp.*	22.70			S	6
87016	87039		*Icelus sp.*	24.00	27.50	0.095	N	
87016	87039		*Icelus sp.*	19.00	22.00	0.055	N	
87016	87039		*Icelus sp.*	17.00	20.00	0.035	N	
87016	87040		*Icelus sp.*	18.00	21.00	0.040	N	
87017	87045	2040	*Icelus sp.*	15.20			W	5
87017	87045		*Icelus sp.*	15.00	17.00	0.031	N	
87017	87046	1764	Family: Stichaeidae	29.30			W	3
87017	87046		Family: Stichaeidae	29.50	32.00	0.041	N	
87017	87047	1789	Family: Stichaeidae	32.70			W	1
87017	87047		Family: Stichaeidae	33.00	36.00	0.054	N	
87017	87048	2079	*L. fabricii*	22.80			S	6
87017	87048		*L. fabricii*	23.50	26.50	0.174	N	
87017	87050	1974	*M. quadricornis*	15.70			W	3
87017	87050		*M. quadricornis*	16.50	19.00	0.024	N	
87018	87052	1710	Family: Stichaeidae	34.70			W	0
87018	87052		Family: Stichaeidae	36.00	39.00	0.064	N	
87018	87052	2082	*L. fabricii*	11.70			W	1
87018	87052		*L. fabricii*	13.00	13.50	0.018	N	
87018	87055		*B. saida*	24.00	26.00	0.061	N	
87018	87056	1979	*M. quadricornis*	15.50			W	3
87018	87056		*M. quadricornis*	16.00	18.50	0.028	N	
87020	87060		Family: Stichaeidae	34.50	37.00	0.076	N	
87020	87060		Family: Stichaeidae	32.50	35.00	0.066	N	
87020	87060		Family: Stichaeidae	34.50	37.50	0.082	N	
87020	87060	2023	*Icelus sp.*	17.70			W	3
87020	87060		*Icelus sp.*	18.00	21.00	0.040	N	
87020	87060		*M. quadricornis*	16.00	19.00	0.030	N	
87020	87060		*M. quadricornis*	16.00	18.50	0.027	N	
87020	87061		Family: Stichaeidae	36.00	39.00	0.083	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87020	87061		Family: Stichaeidae	34.50	37.50	0.074	N	
87020	87061	2016	*Icelus sp.*	17.30			W	3
87020	87061		*Icelus sp.*	17.50	20.50	0.058	N	
87020	87061		*M. quadricornis*	18.50	21.50	0.039	N	
87020	87061		*O. mordax*	14.00	14.50	0.004	N	
87020	87062		Family: Stichaeidae	38.50	43.00	0.100	N	
87020	87062		Family: Stichaeidae	31.50	33.00	0.053	N	
87020	87062		Family: Stichaeidae	32.50	35.00	0.056	N	
87020	87062		Family: Stichaeidae	35.50	39.00	0.076	N	
87020	87062		Family: Stichaeidae	33.00	36.00	0.071	N	
87020	87062		Family: Stichaeidae	34.50	37.50	0.070	N	
87020	87062		Family: Stichaeidae	18.00	19.00	0.012	N	
87020	87062		Family: Stichaeidae	27.50	30.00	0.039	N	
87020	87062		Family: Stichaeidae	30.50	33.00	0.045	N	
87020	87062		Family: Stichaeidae	33.00	35.00	0.067	N	
87020	87062		Family: Stichaeidae	35.50	38.50	0.069	N	
87020	87062		Family: Stichaeidae	38.00	41.00	0.093	N	
87020	87062	2095	*L. tunicatus*	11.50			W	5
87020	87062		*L. tunicatus*	13.50	13.50	0.025	N	
87020	87062		*M. quadricornis*	17.50	20.50	0.040	N	
87020	87062		*M. quadricornis*	15.50	17.50	0.028	N	
87020	87062	1834	*O. mordax*	12.60			W	0
87020	87062		*O. mordax*	13.00	13.00	0.006	N	
87020	87063		Family: Stichaeidae	34.50	36.50	0.080	N	
87020	87063		Family: Stichaeidae	34.00	37.00	0.077	N	
87020	87063		Family: Stichaeidae	31.50	34.00	0.046	N	
87020	87063		Family: Stichaeidae	31.50	34.50	0.066	N	
87020	87063		Family: Stichaeidae	32.00	35.00	0.067	N	
87020	87063		Family: Stichaeidae	32.50	35.00	0.056	N	
87020	87063		Family: Stichaeidae	35.00	38.50	0.103	N	
87020	87063		Family: Stichaeidae	35.50	38.50	0.081	N	
87020	87063		Family: Stichaeidae	34.00	36.50	0.066	N	
87020	87063		Family: Stichaeidae	34.50	37.00	0.062	N	
87020	87063		Family: Stichaeidae	36.00	37.50	0.088	N	
87020	87063	2102	*Liparis sp.*	6.50			W	1
87020	87063	2103	*Liparis sp.*	6.20			W	3
87020	87064	1741	Family: Stichaeidae	26.90			W	0
87020	87064	1742	Family: Stichaeidae	29.10			W	3
87020	87064	1743	Family: Stichaeidae	30.90			W	3
87020	87064	1744	Family: Stichaeidae	32.50			W	5
87020	87064	1745	Family: Stichaeidae	33.80			W	3
87020	87064	1746	Family: Stichaeidae	34.00			W	3
87020	87064	1747	Family: Stichaeidae	33.70			W	3
87020	87064		Family: Stichaeidae	28.00	30.00	0.036	N	
87020	87064		Family: Stichaeidae	35.50	38.50	0.073	N	
87020	87064		Family: Stichaeidae	34.50	37.00	0.075	N	
87020	87064		Family: Stichaeidae	30.00	32.00	0.045	N	
87020	87064		Family: Stichaeidae	32.50	35.50	0.063	N	
87020	87064		Family: Stichaeidae	35.00	38.00	0.059	N	
87020	87064		Family: Stichaeidae	33.50	36.00	0.072	N	
87020	87064		*M. quadricornis*	15.50	18.00	0.029	N	
87020	87064		*M. quadricornis*	14.00	16.00	0.018	N	
87020	87064		*M. quadricornis*	18.00	21.00	0.033	N	
87020	87064		*M. quadricornis*	17.00	20.00	0.032	N	
87020	87064		*M. quadricornis*	14.50	17.00	0.019	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87020	87064		*M. quadricornis*	16.00	18.50	0.022	N	
87020	87064		*O. mordax*	14.50	15.00	0.004	N	
87020	87064		*O. mordax*	14.50	15.00	0.010	N	
87020	87064		*O. mordax*	16.00	16.50	0.006	N	
87020	87064		*O. mordax*	13.00	13.00	0.004	N	
87020	87064		*O. mordax*	11.00	11.00	0.002	N	
87020	87065	1987	*M. quadricornis*	13.70			W	1
87020	87065	1988	*M. quadricornis*	14.30			W	1
87020	87065	1989	*M. quadricornis*	14.00			W	0
87020	87065	1990	*M. quadricornis*	14.60			W	5
87020	87065	1991	*M. quadricornis*	13.60			W	3
87020	87065	1992	*M. quadricornis*	15.30			W	5
87020	87065	1993	*M. quadricornis*	15.50			W	5
87020	87065		*M. quadricornis*	15.50	17.50	0.019	N	
87020	87065		*M. quadricornis*	15.50	18.00	0.019	N	
87020	87065		*M. quadricornis*	14.00	17.00	0.020	N	
87020	87065		*M. quadricornis*	14.00	16.50	0.018	N	
87020	87065		*M. quadricornis*	14.00	16.50	0.015	N	
87020	87065		*M. quadricornis*	15.00	17.50	0.011	N	
87020	87065	1797	*O. mordax*	10.80			W	0
87020	87065	1798	*O. mordax*	11.90			W	0
87020	87065	1799	*O. mordax*	13.00			W	0
87020	87065	1800	*O. mordax*	13.70			W	0
87020	87065	1801	*O. mordax*	14.30			W	3
87020	87065		*O. mordax*	11.50	11.50	< 0.001	N	
87020	87065		*O. mordax*	12.50	12.50	0.003	N	
87020	87065		*O. mordax*	15.00	16.00	0.006	N	
87020	87065		*O. mordax*	14.50	14.50	0.003	N	
87020	87065		*O. mordax*	14.00	14.00	0.003	N	
87021	87068		Family: Stichaeidae	36.50	39.00	0.080	N	
87021	87068		Family: Stichaeidae	37.50	40.50	0.097	N	
87021	87068		Family: Stichaeidae	33.50	37.00	0.061	N	
87021	87068		Family: Stichaeidae	36.50	39.50	0.107	N	
87021	87068		Family: Stichaeidae	30.00	32.50	0.046	N	
87021	87068		Family: Stichaeidae	33.50	36.50	0.072	N	
87021	87068		Family: Stichaeidae	34.00	37.00	0.077	N	
87021	87068		Family: Stichaeidae	34.50	36.50	0.058	N	
87021	87068		Family: Stichaeidae	34.50	37.50	0.078	N	
87021	87068		Family: Stichaeidae	37.00	40.00	0.087	N	
87021	87068		Family: Stichaeidae	37.00	40.00	0.069	N	
87021	87068		Family: Stichaeidae	35.00	37.50	0.076	N	
87021	87068		Family: Stichaeidae	34.50	38.00	0.076	N	
87021	87068		Family: Stichaeidae	37.00	41.50	0.102	N	
87021	87068	2087	*L. fabricii*	24.00			S	6
87021	87068		*L. fabricii*	24.00	27.00	0.123	N	
87021	87068	1803	*O. mordax*	15.80			W	0
87021	87068		*O. mordax*	16.50	17.50	0.013	N	
87021	87069		Family: Stichaeidae	34.00	36.00	0.065	N	
87021	87069		Family: Stichaeidae	34.50	37.50	0.082	N	
87021	87069		Family: Stichaeidae	37.00	40.00	0.100	N	
87021	87069		Family: Stichaeidae	37.50	40.50	0.091	N	
87021	87069		Family: Stichaeidae	36.00	38.00	0.091	N	
87021	87069		Family: Stichaeidae	38.00	41.00	0.103	N	
87021	87069		Family: Stichaeidae	35.50	39.00	0.080	N	
87021	87069		Family: Stichaeidae	35.50	37.50	0.076	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87021	87069		Family: Stichaeidae	35.00	38.00	0.074	N	
87021	87069		Family: Stichaeidae	38.00	41.00	0.106	N	
87021	87069		Family: Stichaeidae	34.00	37.00	0.066	N	
87021	87069		Family: Stichaeidae	38.50	42.00	0.112	N	
87021	87069		Family: Stichaeidae	34.00	37.00	0.077	N	
87021	87069		Family: Stichaeidae	34.00	36.50	0.075	N	
87021	87069		Family: Stichaeidae				N	
87021	87069		Family: Stichaeidae	32.50	34.50	0.061	N	
87021	87069		Family: Stichaeidae	34.00	37.00	0.069	N	
87021	87069	1997	*Icelus sp.*	17.20			W	5
87021	87069	2000	*Icelus sp.*	18.50			W	3
87021	87069		*Icelus sp.*	18.50	21.50	0.068	N	
87021	87069	2086	*L. fabricii*	15.30			S	6
87021	87069		*L. fabricii*	16.50	18.00	0.035	N	
87021	87070		Family: Stichaeidae	34.50	36.00	0.063	N	
87021	87070		Family: Stichaeidae	33.50	36.00	0.068	N	
87021	87070		Family: Stichaeidae	30.00	32.50	0.051	N	
87021	87070		Family: Stichaeidae	31.50	34.00	0.056	N	
87021	87070		Family: Stichaeidae	34.00	36.00	0.062	N	
87021	87070		Family: Stichaeidae	32.00	34.00	0.060	N	
87021	87070		Family: Stichaeidae	34.00	37.00	0.073	N	
87021	87070		Family: Stichaeidae	32.00	36.00	0.076	N	
87021	87070		Family: Stichaeidae	34.50	36.00	0.065	N	
87021	87070		Family: Stichaeidae	35.50	38.00	0.077	N	
87021	87070		Family: Stichaeidae	36.50	40.00	0.102	N	
87021	87070		Family: Stichaeidae	33.50	37.00	0.081	N	
87021	87070		Family: Stichaeidae	32.00	34.00	0.059	N	
87021	87070	2004	*Icelus sp.*	17.50			W	5
87021	87070		*Icelus sp.*	17.50	20.50	0.056	N	
87021	87071	1731	Family: Stichaeidae	29.30			W	0
87021	87071	1732	Family: Stichaeidae	29.10			W	3
87021	87071	1733	Family: Stichaeidae	31.80			W	3
87021	87071	1734	Family: Stichaeidae	34.50			W	3
87021	87071	1735	Family: Stichaeidae	36.70			W	5
87021	87071	1736	Family: Stichaeidae	36.70			W	3
87021	87071	1737	Family: Stichaeidae	37.00			W	3
87021	87071	1738	Family: Stichaeidae	34.30			W	3
87021	87071		Family: Stichaeidae	31.00	33.50	0.063	N	
87021	87071		Family: Stichaeidae	37.50	41.50	0.106	N	
87021	87071		Family: Stichaeidae	35.00	38.50	0.083	N	
87021	87071		Family: Stichaeidae	30.00	33.00	0.064	N	
87021	87071		Family: Stichaeidae	38.00	41.50	0.115	N	
87021	87071		Family: Stichaeidae	38.50	42.00	0.106	N	
87021	87071	1978	*M. quadricornis*	14.00			W	3
87021	87071		*M. quadricornis*	15.50	17.50	0.021	N	
87021	87072		Family: Stichaeidae	33.00	36.00	0.070	N	
87021	87072	1833	*O. mordax*	13.70			W	0
87021	87072		*O. mordax*	14.50	15.00	0.007	N	
87021	87073	1983	*M. quadricornis*	15.00			W	5
87021	87073	1984	*M. quadricornis*	15.30			W	3
87021	87073		*M. quadricornis*	16.00	18.00	0.022	N	
87021	87073		*M. quadricornis*	16.00	18.00	0.027	N	
87021	87073	1805	*O. mordax*	12.80			W	0
87021	87073		*O. mordax*	13.50	13.50	0.003	N	
87022	87076	1883	*B. saida*	14.50			W	1

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87022	87076		*B. saida*	15.00	15.00	0.019	N	
87022	87076		Family: Stichaeidae	37.00	40.50	0.096	N	
87022	87076		Family: Stichaeidae	36.00	39.00	0.085	N	
87022	87076		Family: Stichaeidae	37.00	39.50	0.088	N	
87022	87076		*G. tricuspis*	21.50	25.00	0.230	N	
87022	87076	1996	*Icelus sp.*	15.80			W	5
87022	87076		*Icelus sp.*	16.50	19.00	0.026	N	
87022	87076	2083	*L. fabricii*	16.30			W	5
87022	87076	2084	*L. fabricii*	20.30			S	4
87022	87076	2085	*L. fabricii*	26.30			S	6
87022	87076		*L. fabricii*	21.00	23.00	0.086	N	
87022	87076		*L. fabricii*	18.00	19.00	0.036	N	
87022	87076		*L. fabricii*	27.50	30.50	0.213	N	
87022	87076	2098	*Liparis sp.*	17.20			S	6
87022	87077	1790	Family: Stichaeidae	25.30			W	1
87022	87077	1791	Family: Stichaeidae	30.30			W	3
87022	87077	1792	Family: Stichaeidae	28.30			W	3
87022	87077	1793	Family: Stichaeidae	35.00			W	3
87022	87077		Family: Stichaeidae	30.00	32.00	0.038	N	
87022	87077		Family: Stichaeidae	26.00	28.00	0.020	N	
87022	87077		Family: Stichaeidae	31.50	34.00	0.050	N	
87022	87077		Family: Stichaeidae	31.50	40.00	0.091	N	
87022	87077	2024	*Icelus sp.*	16.30			W	0
87022	87077	2025	*Icelus sp.*	18.80			W	5
87022	87077		*Icelus sp.*	18.00	20.50	0.036	N	
87022	87077		*Icelus sp.*	20.00	23.00	0.056	N	
87022	87077	1994	*M. quadricornis*	15.00			W	3
87022	87077		*M. quadricornis*	15.50	17.50	0.021	N	
87022	87078		Family: Stichaeidae	32.00	35.50	0.051	N	
87022	87078		Family: Stichaeidae	39.00	42.50	0.089	N	
87022	87078		Family: Stichaeidae	30.50	33.50	0.068	N	
87022	87078	2062	*G. tricuspis*	10.00			W	4
87022	87078		*G. tricuspis*	11.00	11.00	0.002	N	
87022	87078	2001	*Icelus sp.*	17.20			W	3
87022	87078	2002	*Icelus sp.*	17.30			W	3
87022	87078		*Icelus sp.*	18.00	20.50	0.059	N	
87022	87078		*Icelus sp.*	18.50	21.00	0.043	N	
87022	87079	1783	Family: Stichaeidae	27.70			W	3
87022	87079	1784	Family: Stichaeidae	36.50			W	5
87022	87079		Family: Stichaeidae	29.00	31.00	0.037	N	
87022	87079		Family: Stichaeidae	37.50	41.00	0.090	N	
87022	87079	2097	*Liparis sp.*	15.80			W	5
87022	87079	1977	*M. quadricornis*	14.60			W	5
87022	87079		*M. quadricornis*	16.00	18.50	0.027	N	
87022	87081	1981	*M. quadricornis*	13.70			W	3
87022	87081		*M. quadricornis*	15.00	17.00	0.018	N	
87023	87084	1893	*B. saida*	17.50			S	4
87023	87084	1894	*B. saida*	47.00			S	3
87023	87084		*B. saida*	47.00	53.00	0.687	N	
87023	87084		*B. saida*	17.00	19.00	0.029	N	
87023	87084	1724	Family: Stichaeidae	32.80			W	6
87023	87084		Family: Stichaeidae	35.00	38.00	0.057	N	
87023	87084	2076	*L. fabricii*	18.50			S	2
87023	87084	2077	*L. fabricii*	21.20			S	2
87023	87084		*L. fabricii*	18.50	20.50	0.065	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87023	87084		*L. fabricii*	22.00	24.00	0.086	N	
87023	87085		Family: Stichaeidae	35.00	38.00	0.063	N	
87023	87085		Family: Stichaeidae	34.50	38.00	0.070	N	
87023	87085	2111	*Liparis sp.*	15.30			W	6
87023	87086	1728	Family: Stichaeidae	32.20			W	5
87023	87086	1729	Family: Stichaeidae	35.70			W	5
87023	87086	1730	Family: Stichaeidae	36.00			W	3
87023	87086		Family: Stichaeidae	37.00	41.00	0.082	N	
87023	87086		Family: Stichaeidae	33.50	36.50	0.071	N	
87023	87086	2033	*Icelus sp.*	15.20			W	3
87023	87086	2034	*Icelus sp.*	16.00			W	3
87023	87086	2035	*Icelus sp.*	17.10			W	3
87023	87086	2036	*Icelus sp.*	19.00			W	5
87023	87086	2037	*Icelus sp.*	17.50			W	3
87023	87086	2038	*Icelus sp.*	19.30			W	3
87023	87086	2039	*Icelus sp.*	19.50			W	1
87023	87086		*Icelus sp.*	16.50	18.50	0.036	N	
87023	87086		*Icelus sp.*	18.50	21.00	0.060	N	
87023	87086		*Icelus sp.*	18.00	21.00	0.072	N	
87023	87086		*Icelus sp.*	18.00	20.00	0.053	N	
87023	87086		*Icelus sp.*	20.00	23.50	0.079	N	
87023	87086		*Icelus sp.*	20.50	24.00	0.083	N	
87023	87086		*Icelus sp.*	20.00	23.00	0.074	N	
87023	87087	1787	Family: Stichaeidae	32.80			W	5
87023	87087	1788	Family: Stichaeidae	33.00			W	3
87023	87087		Family: Stichaeidae	33.50	36.50	0.054	N	
87023	87087		Family: Stichaeidae	32.50	35.00	0.060	N	
87023	87087		*Icelus sp.*	19.00	22.50	0.067	N	
87023	87087		*Icelus sp.*	19.00	22.00	0.053	N	
87023	87087		*Icelus sp.*	17.00	19.50	0.045	N	
87023	87089	1980	*M. quadricornis*	17.20			S	4
87023	87089		*M. quadricornis*	18.50	20.50	0.040	N	
87024	87092		Family: Cottidae	17.00	19.00	0.037	N	
87024	87092		Family: Cottidae	22.00	25.00	0.144	N	
87024	87092		Family: Cottidae	18.50	21.50	0.060	N	
87024	87092		Family: Cottidae	18.50	21.00	0.049	N	
87024	87092		Family: Cottidae	18.00	21.00	0.058	N	
87024	87092		Family: Stichaeidae	31.50	34.00	0.047	N	
87024	87092		Family: Stichaeidae	32.50	35.00	0.050	N	
87024	87092		Family: Stichaeidae	31.50	34.00	0.051	N	
87024	87092		Family: Stichaeidae	32.00	34.00	0.053	N	
87024	87092		Family: Stichaeidae	32.50	35.50	0.043	N	
87024	87092		Family: Stichaeidae	33.50	36.00	0.059	N	
87024	87092		Family: Stichaeidae	31.50	33.00	0.049	N	
87024	87092		Family: Stichaeidae	37.00	39.50	0.085	N	
87024	87092		*Liparis sp.*	13.00	15.00	0.027	N	
87024	87093	1892	*B. saida*	23.10			S	6
87024	87093		*B. saida*	23.50	25.50	0.061	N	
87024	87093	1751	Family: Stichaeidae	26.30			W	5
87024	87093	1752	Family: Stichaeidae	28.70			W	5
87024	87093	1753	Family: Stichaeidae	28.10			W	5
87024	87093	1754	Family: Stichaeidae	32.10			W	5
87024	87093	1755	Family: Stichaeidae	33.00			W	5
87024	87093	1756	Family: Stichaeidae	32.50			W	5
87024	87093	1757	Family: Stichaeidae	35.40			W	5

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87024	87093		Family: Stichaeidae	34.50	37.50	0.056	N	
87024	87093		Family: Stichaeidae	36.50	39.50	0.076	N	
87024	87093		Family: Stichaeidae	27.50	30.00	0.031	N	
87024	87093		Family: Stichaeidae	30.00	32.50	0.042	N	
87024	87093		Family: Stichaeidae	30.50	33.00	0.038	N	
87024	87093		Family: Stichaeidae	34.00	37.00	0.062	N	
87024	87093		Family: Stichaeidae	35.00	38.00	0.065	N	
87024	87093	1998	*Icelus sp.*	18.60			W	3
87024	87093	1999	*Icelus sp.*	18.30			W	5
87024	87093		*Icelus sp.*	19.00	22.50	0.073	N	
87024	87093		*Icelus sp.*	20.00	23.00	0.069	N	
87024	87093		*Icelus sp.*	20.50	23.50	0.062	N	
87024	87094		Family: Stichaeidae	35.50	37.50	0.072	N	
87024	87094		Family: Stichaeidae	29.50	30.50	0.040	N	
87024	87094		Family: Stichaeidae	33.00	36.00	0.054	N	
87024	87094		Family: Stichaeidae	38.00	42.00	0.085	N	
87024	87094		Family: Stichaeidae	33.00	35.50	0.071	N	
87024	87094		Family: Stichaeidae	31.50	34.50	0.054	N	
87024	87094		Family: Stichaeidae	31.00	33.50	0.041	N	
87024	87094		*Icelus sp.*	17.50	20.50	0.051	N	
87024	87094	2078	*L. fabricii*	20.20			S	4
87024	87094		*L. fabricii*	21.00	23.50	0.079	N	
87024	87094	2104	*Liparis sp.*	8.70			W	5
87024	87095		Family: Stichaeidae	34.50	36.50	0.064	N	
87024	87095		Family: Stichaeidae	34.00	36.50	0.070	N	
87024	87095		Family: Stichaeidae	33.50	36.50	0.076	N	
87024	87095		Family: Stichaeidae	32.00	34.50	0.064	N	
87024	87095		Family: Stichaeidae	31.00	34.00	0.063	N	
87024	87095		Family: Stichaeidae	31.00	34.00	0.062	N	
87024	87095		Family: Stichaeidae	30.00	33.50	0.047	N	
87024	87095		Family: Stichaeidae	29.50	32.50	0.051	N	
87024	87095		Family: Stichaeidae	24.50	26.50	0.029	N	
87024	87095		Family: Stichaeidae	39.50	43.50	0.108	N	
87024	87095		Family: Stichaeidae	37.50	42.00	0.121	N	
87024	87095		Family: Stichaeidae	37.50	41.50	0.106	N	
87024	87095		Family: Stichaeidae	36.50	39.50	0.085	N	
87024	87095		Family: Stichaeidae	35.50	38.50	0.076	N	
87024	87095		Family: Stichaeidae	34.50	37.00	0.075	N	
87024	87095		Family: Stichaeidae	34.50	38.00	0.076	N	
87024	87095	2012	*Icelus sp.*	14.90			W	5
87024	87095	2013	*Icelus sp.*	17.80			W	5
87024	87095	2014	*Icelus sp.*	17.30			W	4
87024	87095	2015	*Icelus sp.*	19.50			S	6
87024	87095		*Icelus sp.*	18.50	21.50	0.061	N	
87024	87095		*Icelus sp.*	18.50	21.50	0.054	N	
87024	87095		*Icelus sp.*	19.00	22.50	0.106	N	
87024	87095		*Icelus sp.*	16.50	18.50	0.035	N	
87024	87095	2116	*Liparis sp.*	16.80			W	5
87025	87100		Family: Stichaeidae	33.00	35.50	0.058	N	
87025	87100		Family: Stichaeidae	32.00	34.50	0.053	N	
87025	87100		Family: Stichaeidae	26.00	27.50	0.027	N	
87025	87100		Family: Stichaeidae	36.00	39.00	0.079	N	
87025	87100		Family: Stichaeidae	32.50	35.00	0.052	N	
87025	87100		Family: Stichaeidae	33.00	35.50	0.051	N	
87025	87100		Family: Stichaeidae	34.00	37.00	0.063	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87025	87100		Family: Stichaeidae	32.50	35.00	0.059	N	
87025	87100		Family: Stichaeidae	36.00	39.00	0.087	N	
87025	87100		Family: Stichaeidae	35.00	38.00	0.062	N	
87025	87100		*Icelus sp.*	18.50	21.00	0.054	N	
87025	87100		*Icelus sp.*	29.00	32.50	0.167	N	
87025	87100		*Icelus sp.*	22.00	25.00	0.109	N	
87025	87100		*Icelus sp.*	19.00	22.00	0.072	N	
87025	87100		*Icelus sp.*	18.00	21.00	0.053	N	
87025	87100	2108	*Liparis sp.*	11.50			W	5
87025	87100	2109	*Liparis sp.*	16.30			W	5
87025	87101	1712	Family: Stichaeidae	31.70			W	3
87025	87101	1713	Family: Stichaeidae	32.20			W	5
87025	87101	1714	Family: Stichaeidae	31.30			W	3
87025	87101	1715	Family: Stichaeidae	34.30			W	3
87025	87101	1716	Family: Stichaeidae	34.80			W	3
87025	87101	1717	Family: Stichaeidae	31.00			W	3
87025	87101	1718	Family: Stichaeidae	29.00			W	3
87025	87101	1719	Family: Stichaeidae	32.60			W	3
87025	87101	1720	Family: Stichaeidae	36.80			W	5
87025	87101		Family: Stichaeidae	32.00	34.50	0.067	N	
87025	87101		Family: Stichaeidae	33.50	37.00	0.063	N	
87025	87101		Family: Stichaeidae	30.00	32.50	0.047	N	
87025	87101		Family: Stichaeidae	35.00	38.50	0.092	N	
87025	87101		Family: Stichaeidae	33.50	36.50	0.072	N	
87025	87101		Family: Stichaeidae	32.50	35.00	0.056	N	
87025	87101		Family: Stichaeidae	31.50	34.50	0.052	N	
87025	87101		Family: Stichaeidae	38.50	42.00	0.092	N	
87025	87101		Family: Stichaeidae	35.50	37.50	0.068	N	
87025	87101		*Icelus sp.*	19.00	22.50	0.052	N	
87025	87101	2110	*Liparis sp.*	14.50			W	5
87025	87102		Family: Stichaeidae	33.00	35.00	0.045	N	
87025	87102		Family: Stichaeidae	33.50	36.00	0.058	N	
87025	87102		Family: Stichaeidae	35.00	38.00	0.073	N	
87025	87102		Family: Stichaeidae	35.00	38.00	0.077	N	
87025	87102		Family: Stichaeidae	29.50	30.50	0.039	N	
87025	87102		Family: Stichaeidae	32.50	35.00	0.051	N	
87025	87102		Family: Stichaeidae	39.00	41.50	0.087	N	
87025	87102		Family: Stichaeidae	33.00	35.50	0.064	N	
87025	87102		Family: Stichaeidae	33.50	36.00	0.068	N	
87025	87102		Family: Stichaeidae	38.50	41.50	0.107	N	
87025	87102		Family: Stichaeidae	32.00	34.00	0.062	N	
87025	87102		Family: Stichaeidae	31.00	33.50	0.050	N	
87025	87102		Family: Stichaeidae	30.50	33.00	0.050	N	
87025	87102		Family: Stichaeidae	34.50	36.00	0.072	N	
87025	87102		Family: Stichaeidae	30.50	33.50	0.057	N	
87025	87102		Family: Stichaeidae	32.00	34.50	0.048	N	
87025	87102		Family: Stichaeidae	34.00	37.00	0.066	N	
87025	87102		Family: Stichaeidae	30.00	32.00	0.045	N	
87025	87102	2026	*Icelus sp.*	16.30			W	5
87025	87102	2027	*Icelus sp.*	15.80			W	5
87025	87102	2028	*Icelus sp.*	16.70			W	6
87025	87102	2029	*Icelus sp.*	17.80			W	6
87025	87102	2030	*Icelus sp.*				W	5
87025	87102	2031	*Icelus sp.*	18.30			W	5
87025	87102	2032	*Icelus sp.*	18.70			W	5

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87025	87102		*Icelus sp.*	19.00	22.50	0.056	N	
87025	87102		*Icelus sp.*	16.00	19.00	0.044	N	
87025	87102		*Icelus sp.*	11.00	13.50	0.028	N	
87025	87102		*Icelus sp.*	18.00	21.00	0.072	N	
87025	87102		*Icelus sp.*	17.00	20.00	0.040	N	
87025	87102		*Icelus sp.*	19.00	22.00	0.065	N	
87025	87102		*Icelus sp.*	18.00	21.00	0.046	N	
87025	87102	2119	*Liparis sp.*	13.50			W	3
87025	87102	2120	*Liparis sp.*	16.80			W	6
87025	87102	2121	*Liparis sp.*	20.00			S	6
87025	87102		*T. pingeli*	36.00	42.00	0.352	N	
87025	87103	1880	*B. saida*	19.20			S	4
87025	87103	1881	*B. saida*	24.30			S	6
87025	87103	1882	*B. saida*	56.70			S	4
87025	87103		*B. saida*	50.50	55.50	1.030	N	
87025	87103		*B. saida*	19.50	21.00	0.040	N	
87025	87103		*B. saida*	24.50	26.50	0.074	N	
87025	87103		Family: Stichaeidae	22.50	24.00	0.017	N	
87025	87103		Family: Stichaeidae	36.00	39.00	0.077	N	
87025	87103		Family: Stichaeidae	35.00	38.00	0.074	N	
87025	87103		Family: Stichaeidae	29.00	31.00	0.038	N	
87025	87103		Family: Stichaeidae	31.00	34.00	0.054	N	
87025	87103		Family: Stichaeidae	29.50	31.50	0.041	N	
87025	87103		Family: Stichaeidae	31.00	34.00	0.058	N	
87025	87103		Family: Stichaeidae	33.00	36.00	0.072	N	
87025	87103		Family: Stichaeidae	30.50	33.00	0.056	N	
87025	87103		Family: Stichaeidae	36.00	39.00	0.093	N	
87025	87103		Family: Stichaeidae	35.00	37.00	0.064	N	
87025	87103		Family: Stichaeidae	35.00	38.50	0.094	N	
87025	87103		Family: Stichaeidae	32.50	35.00	0.056	N	
87025	87103		Family: Stichaeidae	34.00	37.00	0.067	N	
87025	87103		Family: Stichaeidae	33.50	36.00	0.065	N	
87025	87103		Family: Stichaeidae	32.50	35.00	0.063	N	
87025	87103		Family: Stichaeidae	33.00	35.00	0.054	N	
87025	87103		Family: Stichaeidae	31.00	34.00	0.061	N	
87025	87103		Family: Stichaeidae	34.50	38.00	0.077	N	
87025	87103		*Icelus sp.*	17.00	19.50	0.030	N	
87025	87103		*Icelus sp.*	15.00	16.00	0.014	N	
87025	87103		*Icelus sp.*	18.00	21.00	0.060	N	
87025	87103		*Icelus sp.*	18.50	22.00	0.062	N	
87025	87103		*Icelus sp.*	19.00	22.00	0.062	N	
87025	87103		*Icelus sp.*	19.00	23.00	0.073	N	
87025	87103	2074	*L. fabricii*	25.00			S	2
87025	87103		*L. fabricii*	25.00	27.00	0.151	N	
87025	87103	2117	*Liparis sp.*	10.70			W	1
87025	87103		*T. pingeli*	22.50	26.50	0.097	N	
87025	87105	1985	*M. quadricornis*	15.30			W	3
87025	87105		*M. quadricornis*	16.00	18.50	0.028	N	
87026	87108	1886	*B. saida*	23.30			S	3
87026	87108		*B. saida*	25.00	26.00	0.055	N	
87026	87108		Family: Pleuronectidae	4.00	4.00	< 0.001	N	
87026	87108		Family: Stichaeidae	27.00	30.00	0.031	N	
87026	87108		Family: Stichaeidae	29.00	31.00	0.030	N	
87026	87108		Family: Stichaeidae	27.50	30.00	0.030	N	
87026	87108		Family: Stichaeidae	29.50	32.00	0.032	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87026	87108		Family: Stichaeidae	29.00	31.00	0.040	N	
87026	87108		Family: Stichaeidae	21.00	22.50	0.013	N	
87026	87108	2041	*Icelus sp.*	16.80			W	1
87026	87108		*Icelus sp.*	17.50	20.50	0.034	N	
87026	87108		*O. mordax*	13.50	14.00	0.004	N	
87026	87109	1771	Family: Stichaeidae	23.00			W	1
87026	87109	1772	Family: Stichaeidae	24.50			W	3
87026	87109	1773	Family: Stichaeidae	23.30			W	1
87026	87109	1774	Family: Stichaeidae	28.50			W	1
87026	87109	1775	Family: Stichaeidae	26.60			W	1
87026	87109	1776	Family: Stichaeidae	31.00			W	3
87026	87109	1777	Family: Stichaeidae	29.30			W	1
87026	87109	1778	Family: Stichaeidae	31.80			W	0
87026	87109		Family: Stichaeidae	28.00	30.00	0.033	N	
87026	87109		Family: Stichaeidae	31.50	34.50	0.050	N	
87026	87109		Family: Stichaeidae	25.00	26.50	0.023	N	
87026	87109		Family: Stichaeidae	33.50	36.00	0.046	N	
87026	87109		Family: Stichaeidae	31.00	33.00	0.038	N	
87026	87109		Family: Stichaeidae	26.00	28.00	0.026	N	
87026	87109		Family: Stichaeidae	28.50	30.00	0.032	N	
87026	87109		Family: Stichaeidae	26.50	28.00	0.028	N	
87026	87109	1826	*O. mordax*	12.00			W	1
87026	87109	1827	*O. mordax*	13.30			W	0
87026	87109	1828	*O. mordax*	12.90			W	0
87026	87109	1829	*O. mordax*	14.20			W	0
87026	87109	1830	*O. mordax*	13.60			W	0
87026	87109	1831	*O. mordax*	15.30			W	0
87026	87109		*O. mordax*	13.50	14.00	0.004	N	
87026	87109		*O. mordax*	16.00	17.00	0.008	N	
87026	87109		*O. mordax*	12.50	13.50	0.004	N	
87026	87109		*O. mordax*	14.50	15.00	0.005	N	
87026	87109		*O. mordax*	15.00	15.50	0.006	N	
87026	87109		*O. mordax*	15.00	16.00	0.009	N	
87026	87110		Family: Stichaeidae	32.50	35.00	0.039	N	
87026	87110		Family: Stichaeidae	27.00	29.00	0.031	N	
87026	87110		Family: Stichaeidae	22.50	24.00	0.023	N	
87026	87110		Family: Stichaeidae	34.00	37.00	0.045	N	
87026	87110		Family: Stichaeidae	29.50	32.00	0.041	N	
87026	87110		Family: Stichaeidae	26.50	28.50	0.022	N	
87026	87110		Family: Stichaeidae	30.00	32.00	0.036	N	
87026	87110		Family: Stichaeidae	33.50	36.50	0.054	N	
87026	87110		Family: Stichaeidae	28.00	30.00	0.029	N	
87026	87110		Family: Stichaeidae	32.50	35.50	0.053	N	
87026	87110		Family: Stichaeidae	32.00	34.50	0.039	N	
87026	87110		Family: Stichaeidae	32.00	34.50	0.034	N	
87026	87110		Family: Stichaeidae	30.50	33.50	0.039	N	
87026	87110		Family: Stichaeidae	30.50	33.00	0.039	N	
87026	87110		Family: Stichaeidae	30.50	32.50	0.040	N	
87026	87110		Family: Stichaeidae	33.00	35.50	0.047	N	
87026	87110		Family: Stichaeidae	28.00	30.00	0.034	N	
87026	87110		Family: Stichaeidae	28.00	30.00	0.047	N	
87026	87110		Family: Stichaeidae	29.00	31.00	0.032	N	
87026	87110		Family: Stichaeidae	29.00	31.00	0.033	N	
87026	87110		Family: Stichaeidae	29.50	32.00	0.039	N	
87026	87110		Family: Stichaeidae	28.00	30.00	0.031	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87026	87110	2018	*Icelus sp.*	17.80			W	3
87026	87110		*Icelus sp.*	18.50	20.50	0.054	N	
87026	87110	2101	*Liparis sp.*	12.40			W	0
87026	87111	1879	*B. saida*	24.50			S	4
87026	87111		*B. saida*	25.00	26.00	0.066	N	
87026	87111		Family: Stichaeidae	30.50	32.50	0.042	N	
87026	87111		Family: Stichaeidae	33.50	35.00	0.048	N	
87026	87111		Family: Stichaeidae	27.50	29.00	0.031	N	
87026	87111		Family: Stichaeidae	32.50	35.00	0.048	N	
87026	87111		Family: Stichaeidae	31.00	33.50	0.055	N	
87026	87111		Family: Stichaeidae	31.00	33.50	0.047	N	
87026	87111		Family: Stichaeidae	30.50	32.50	0.038	N	
87026	87111		Family: Stichaeidae	30.50	32.00	0.040	N	
87026	87111		Family: Stichaeidae	28.50	31.00	0.033	N	
87026	87111		Family: Stichaeidae	26.00	28.00	0.028	N	
87026	87111		Family: Stichaeidae	28.50	30.50	0.027	N	
87026	87111		Family: Stichaeidae	28.50	30.00	0.032	N	
87026	87111		Family: Stichaeidae	28.00	30.00	0.030	N	
87026	87111		Family: Stichaeidae	28.00	29.50	0.027	N	
87026	87111		Family: Stichaeidae	28.00	29.50	0.026	N	
87026	87111		Family: Stichaeidae	27.50	30.00	0.037	N	
87026	87111		Family: Stichaeidae	27.50	30.00	0.029	N	
87026	87111		Family: Stichaeidae	28.00	30.00	0.035	N	
87026	87111		Family: Stichaeidae	26.50	28.50	0.027	N	
87026	87111		Family: Stichaeidae	27.50	30.00	0.036	N	
87026	87111		Family: Stichaeidae	28.50	30.50	0.029	N	
87026	87111		Family: Stichaeidae	22.50	24.00	0.019	N	
87026	87111		Family: Stichaeidae	27.50	29.50	0.037	N	
87026	87111		Family: Stichaeidae	23.00	24.50	0.020	N	
87026	87111		Family: Stichaeidae	32.50	35.00	0.059	N	
87026	87111	2017	*Icelus sp.*	15.50			W	0
87026	87111		*Icelus sp.*	16.00	18.50	0.027	N	
87026	87111	2096	*L. tunicatus*	11.70			W	3
87026	87111		*L. tunicatus*	12.00	13.50	0.038	N	
87026	87112	1975	*M. quadricornis*	13.70			W	1
87026	87112		*M. quadricornis*	14.00	16.00	0.010	N	
87014	87121	1972	*E. gracilis*	7.80			W	1
87014	87121		*E. gracilis*	8.00	8.00	0.003	N	
87014	87121		Family: Pleuronectidae	5.00	5.00	< 0.001	N	
87014	87123		Family: Pleuronectidae	4.00	4.00	< 0.001	N	
87014	87123		Family: Pleuronectidae	4.50	4.50	< 0.001	N	
87014	87123		Family: Pleuronectidae	6.00	6.00	< 0.001	N	
87014	87123	1811	*O. mordax*	23.80			W	3
87014	87123	1812	*O. mordax*	24.30			W	5
87014	87123	1813	*O. mordax*	20.70			W	1
87014	87123	1814	*O. mordax*	24.20			W	3
87014	87123	1815	*O. mordax*	25.30			W	5
87014	87123		*O. mordax*	25.50	27.50	0.045	N	
87014	87123		*O. mordax*	25.00	28.00	0.043	N	
87014	87123		*O. mordax*	25.00	27.50	0.046	N	
87014	87123		*O. mordax*	22.00	24.50	0.030	N	
87014	87123		*O. mordax*	26.00	29.00	0.055	N	
87014	87124		*O. mordax*	26.00	28.50	0.048	N	
87027	87127	1837	*C. harengus pallasi*	13.20			W	3
87028	87144		Family: Pleuronectidae	4.00	4.00	< 0.001	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87028	87146	1842	*C. harengus pallasi*	12.50			W	5
87028	87146	1843	*C. harengus pallasi*	14.70			W	4
87028	87146		*C. harengus pallasi*	13.50	13.50	0.004	N	
87028	87146		*C. harengus pallasi*	15.00	15.50	0.002	N	
87028	87147	1836	*C. harengus pallasi*	13.50			W	3
87028	87147		*C. harengus pallasi*	14.00	14.00	0.006	N	
87028	87147		*C. harengus pallasi*	14.50	14.50	0.004	N	
87028	87147	1976	*M. quadricornis*	14.30			W	5
87028	87147		*M. quadricornis*	15.00	17.50	0.021	N	
87029	87158	1758	Family: Stichaeidae	23.20			W	0
87029	87158	1759	Family: Stichaeidae	26.20			W	1
87029	87158	1760	Family: Stichaeidae	24.30			W	1
87029	87158	1761	Family: Stichaeidae	29.10			W	0
87029	87158	1762	Family: Stichaeidae	26.80			W	0
87029	87158	1763	Family: Stichaeidae	29.50			W	0
87029	87158		Family: Stichaeidae	31.00	33.50	0.052	N	
87029	87158		Family: Stichaeidae	24.50	26.50	0.029	N	
87029	87158		Family: Stichaeidae	28.50	30.50	0.041	N	
87029	87158		Family: Stichaeidae	27.50	30.00	0.035	N	
87029	87158		Family: Stichaeidae	25.00	27.50	0.038	N	
87029	87158		Family: Stichaeidae	30.50	33.00	0.048	N	
87029	87159		Family: Stichaeidae	24.50	26.50	0.031	N	
87029	87159		Family: Stichaeidae	29.00	31.50	0.046	N	
87029	87159		Family: Stichaeidae	27.00	29.00	0.034	N	
87029	87159		Family: Stichaeidae	29.00	31.50	0.052	N	
87029	87159		Family: Stichaeidae	29.50	32.50	0.045	N	
87029	87159		Family: Stichaeidae	30.00	33.00	0.055	N	
87029	87159		Family: Stichaeidae	31.00	33.00	0.057	N	
87029	87159		Family: Stichaeidae	31.50	34.50	0.056	N	
87029	87159		Family: Stichaeidae	34.00	37.00	0.063	N	
87029	87159		Family: Stichaeidae	28.50	31.00	0.058	N	
87029	87160		Family: Stichaeidae	28.00	30.50	0.035	N	
87029	87160		Family: Stichaeidae	30.00	32.00	0.042	N	
87029	87160		Family: Stichaeidae	30.00	32.50	0.049	N	
87029	87160		Family: Stichaeidae	34.00	37.00	0.073	N	
87029	87160		Family: Stichaeidae	33.50	36.00	0.049	N	
87029	87160		Family: Stichaeidae	33.00	36.00	0.069	N	
87029	87160		Family: Stichaeidae	31.00	33.50	0.047	N	
87029	87160		Family: Stichaeidae	31.00	33.50	0.041	N	
87029	87160		Family: Stichaeidae	29.50	32.00	0.055	N	
87029	87160		Family: Stichaeidae	29.00	31.00	0.052	N	
87029	87160		Family: Stichaeidae	29.00	31.00	0.045	N	
87029	87160		Family: Stichaeidae	26.00	27.50	0.025	N	
87029	87160		Family: Stichaeidae	29.00	30.50	0.040	N	
87029	87160		Family: Stichaeidae	30.50	34.00	0.058	N	
87029	87160		Family: Stichaeidae	28.50	30.50	0.043	N	
87029	87160		Family: Stichaeidae	30.50	33.50	0.046	N	
87029	87160		Family: Stichaeidae	28.50	31.00	0.042	N	
87029	87160		Family: Stichaeidae	30.00	32.50	0.041	N	
87029	87160		Family: Stichaeidae	30.00	32.50	0.044	N	
87029	87160		Family: Stichaeidae	28.00	30.50	0.043	N	
87029	87160		Family: Stichaeidae	28.00	30.00	0.041	N	
87029	87160		Family: Stichaeidae	30.00	33.00	0.055	N	
87029	87160		Family: Stichaeidae	28.50	30.00	0.041	N	
87029	87160		Family: Stichaeidae	29.00	31.00	0.050	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87029	87160		Family: Stichaeidae	28.00	30.50	0.041	N	
87029	87160		Family: Stichaeidae	28.00	30.00	0.040	N	
87029	87160		Family: Stichaeidae	28.50	30.50	0.035	N	
87029	87160		Family: Stichaeidae	28.00	30.00	0.042	N	
87029	87160		Family: Stichaeidae	30.00	31.00	0.044	N	
87029	87160		Family: Stichaeidae	28.00	30.50	0.042	N	
87029	87160		Family: Stichaeidae	27.50	30.50	0.040	N	
87029	87160		Family: Stichaeidae	29.00	31.50	0.043	N	
87029	87160		Family: Stichaeidae	23.50	25.00	0.030	N	
87029	87160		Family: Stichaeidae	27.50	30.00	0.049	N	
87029	87160		Family: Stichaeidae	28.00	30.00	0.031	N	
87029	87160		Family: Stichaeidae	25.00	27.50	0.040	N	
87029	87160		Family: Stichaeidae	27.50	29.50	0.037	N	
87029	87160		Family: Stichaeidae	26.50	28.00	0.035	N	
87029	87160		Family: Stichaeidae	24.50	26.50	0.033	N	
87029	87160		Family: Stichaeidae	29.00	31.50	0.040	N	
87029	87160		Family: Stichaeidae	26.00	27.00	0.037	N	
87029	87160		Family: Stichaeidae	28.00	31.00	0.044	N	
87029	87160		Family: Stichaeidae	27.50	29.50	0.038	N	
87029	87160		Family: Stichaeidae	26.50	28.00	0.031	N	
87029	87160		Family: Stichaeidae	27.50	29.00	0.036	N	
87029	87160		Family: Stichaeidae	27.00	28.00	0.035	N	
87029	87160		Family: Stichaeidae	27.00	29.00	0.046	N	
87029	87160		Family: Stichaeidae	26.00	28.00	0.031	N	
87029	87161		Family: Stichaeidae	31.00	34.00	0.049	N	
87029	87161		Family: Stichaeidae	30.50	33.00	0.053	N	
87029	87161		Family: Stichaeidae	30.50	34.00	0.060	N	
87029	87161		Family: Stichaeidae	30.50	33.00	0.055	N	
87029	87161		Family: Stichaeidae	31.50	34.00	0.057	N	
87029	87161		Family: Stichaeidae	32.00	35.00	0.063	N	
87029	87161		Family: Stichaeidae	31.50	34.50	0.054	N	
87029	87161		Family: Stichaeidae	31.50	34.50	0.057	N	
87029	87161		Family: Stichaeidae	32.00	34.50	0.045	N	
87029	87161		Family: Stichaeidae	27.00	29.00	0.040	N	
87029	87161		Family: Stichaeidae	32.00	34.50	0.057	N	
87029	87161		Family: Stichaeidae	29.50	32.00	0.043	N	
87029	87161		Family: Stichaeidae	32.50	35.00	0.060	N	
87029	87161		Family: Stichaeidae	31.50	33.00	0.048	N	
87029	87161		Family: Stichaeidae	30.00	33.00	0.049	N	
87029	87161		Family: Stichaeidae	29.50	32.00	0.050	N	
87029	87161		Family: Stichaeidae	29.50	32.00	0.042	N	
87029	87161		Family: Stichaeidae	27.00	29.00	0.035	N	
87029	87161		Family: Stichaeidae	26.50	29.00	0.043	N	
87029	87161		Family: Stichaeidae	25.50	27.00	0.032	N	
87029	87161		Family: Stichaeidae	29.50	31.50	0.047	N	
87029	87161		Family: Stichaeidae	33.00	36.50	0.068	N	
87029	87161		Family: Stichaeidae	28.00	31.00	0.049	N	
87029	87161		Family: Stichaeidae	30.00	32.50	0.053	N	
87029	87161		Family: Stichaeidae	27.00	29.50	0.036	N	
87029	87161		Family: Stichaeidae	27.00	30.00	0.031	N	
87029	87161		Family: Stichaeidae	27.50	30.00	0.043	N	
87029	87161		Family: Stichaeidae	28.00	30.00	0.041	N	
87029	87161		Family: Stichaeidae	28.00	30.50	0.040	N	
87029	87161		Family: Stichaeidae	28.50	30.50	0.040	N	
87029	87161		Family: Stichaeidae	28.50	31.00	0.038	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87029	87161		Family: Stichaeidae	28.50	31.00	0.042	N	
87029	87161		Family: Stichaeidae	28.50	31.00	0.044	N	
87029	87161		Family: Stichaeidae	29.00	31.50	0.050	N	
87029	87161		Family: Stichaeidae	29.50	31.50	0.053	N	
87029	87161		Family: Stichaeidae	26.50	28.00	0.026	N	
87029	87161		Family: Stichaeidae	28.50	31.00	0.045	N	
87029	87161		Family: Stichaeidae	30.00	31.50	0.037	N	
87029	87161		Family: Stichaeidae	32.50	35.50	0.054	N	
87029	87161		Family: Stichaeidae	29.50	32.00	0.046	N	
87029	87161		Family: Stichaeidae	30.00	32.50	0.045	N	
87029	87161		Family: Stichaeidae	30.00	32.50	0.049	N	
87029	87164		Family: Pleuronectidae	4.50	4.50	< 0.001	N	
87029	87164	1721	Family: Stichaeidae	28.30			W	3
87029	87164		Family: Stichaeidae	28.00	30.50	0.050	N	
87029	87165		Family: Stichaeidae	20.50	21.00	0.017	N	
87030	87172		Family: Pleuronectidae	4.50	4.50	< 0.001	N	
87030	87173		Family: Pleuronectidae	4.00	4.00	< 0.001	N	
87030	87173		Family: Pleuronectidae	5.00	5.00	< 0.001	N	
87030	87175	1936	*E. gracilis*	14.00			S	6
87030	87175	1937	*E. gracilis*	18.10			S	6
87030	87175	1938	*E. gracilis*	18.50			S	6
87030	87175		*E. gracilis*	14.00	16.00	0.017	N	
87030	87175		*E. gracilis*	18.00	20.00	0.047	N	
87030	87175		*E. gracilis*	18.50	20.50	0.038	N	
87030	87175	2099	*Liparis sp.*	11.30			W	3
87030	87175	2100	*Liparis sp.*	12.60			W	5
87030	87178		Family: Pleuronectidae	7.50	7.50	0.002	N	
87030	87178		Family: Pleuronectidae	4.00	4.00	< 0.001	N	
87031	87187	1839	*C. harengus pallasi*	9.90			W	1
87031	87187	1840	*C. harengus pallasi*	18.70			W	0
87031	87187		*C. harengus pallasi*	11.00	11.00	< 0.001	N	
87031	87187		*C. harengus pallasi*	20.00	21.50	0.015	N	
87031	87189	1854	*C. harengus pallasi*	12.30			W	0
87031	87189	1855	*C. harengus pallasi*	13.80			W	0
87031	87189		*C. harengus pallasi*	14.50	14.50	0.008	N	
87031	87189		*C. harengus pallasi*	13.50	13.50	0.002	N	
87031	87189		Family: Pleuronectidae	4.00	4.00	< 0.001	N	
87031	87189		Family: Pleuronectidae	4.50	4.50	< 0.001	N	
87031	87189	1817	*O. mordax*	21.80			W	5
87031	87189		*O. mordax*	23.00	26.00	0.036	N	
87031	87193	1838	*C. harengus pallasi*	16.80			W	1
87031	87193		*C. harengus pallasi*	17.50	18.00	0.010	N	
87032	87194		Family: Pleuronectidae	5.00	5.00	< 0.001	N	
87032	87194		Family: Pleuronectidae	5.50	5.50	< 0.001	N	
87032	87194		Family: Pleuronectidae	6.50	6.50	< 0.001	N	
87032	87195		Family: Pleuronectidae	4.50	4.50	< 0.001	N	
87032	87195		Family: Pleuronectidae	6.50	6.50	< 0.001	N	
87032	87195		Family: Pleuronectidae	5.00	5.00	< 0.001	N	
87032	87195	1708	Family: Stichaeidae	33.80			W	5
87032	87195	1709	Family: Stichaeidae	32.30			W	3
87032	87195		Family: Stichaeidae	34.50	38.00	0.066	N	
87032	87195		Family: Stichaeidae	35.00	38.00	0.069	N	
87032	87196	1739	Family: Stichaeidae	28.30			W	3
87032	87196	1740	Family: Stichaeidae	31.60			W	6
87032	87196		Family: Stichaeidae	28.00	31.00	0.041	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87032	87196		Family: Stichaeidae	31.50	35.00	0.070	N	
87032	87197	1703	Family: Stichaeidae	38.80			W	1
87032	87197	1748	Family: Stichaeidae	31.70			W	5
87032	87197		Family: Stichaeidae	32.00	35.50	0.057	N	
87032	87206	1986	*M. quadricornis*	14.70			S	6
87032	87206		*M. quadricornis*	15.00	18.00	0.022	N	
87033	87207	1853	*C. harengus pallasi*	13.80			W	3
87033	87207		*C. harengus pallasi*	14.00	15.00	0.005	N	
87033	87207		Family: Stichaeidae	31.00	33.50	0.051	N	
87033	87207		Family: Stichaeidae				N	
87033	87207		Family: Stichaeidae	28.50	31.50	0.039	N	
87033	87209		Family: Stichaeidae	29.00	32.00	0.043	N	
87033	87209		Family: Stichaeidae	29.00	31.00	0.043	N	
87033	87209		Family: Stichaeidae	33.00	36.50	0.058	N	
87033	87209		Family: Stichaeidae	30.00	33.00	0.049	N	
87033	87209		Family: Stichaeidae	25.00	27.00	0.039	N	
87033	87209		Family: Stichaeidae	26.50	28.00	0.023	N	
87033	87209		Family: Stichaeidae	32.50	35.50	0.056	N	
87033	87209		Family: Stichaeidae	32.00	36.00	0.046	N	
87033	87209		Family: Stichaeidae	33.00	36.00	0.055	N	
87033	87209		Family: Stichaeidae	30.50	33.50	0.037	N	
87033	87209		Family: Stichaeidae	31.50	34.00	0.046	N	
87033	87210	1935	*E. gracilis*	9.50			W	0
87033	87210		*E. gracilis*	9.50	10.50	0.005	N	
87033	87210		Family: Pleuronectidae	5.50	5.50	< 0.001	N	
87033	87210	1765	Family: Stichaeidae	24.80			W	3
87033	87210	1766	Family: Stichaeidae	28.20			W	3
87033	87210	1767	Family: Stichaeidae	30.70			W	0
87033	87210	1768	Family: Stichaeidae	31.90			W	3
87033	87210	1769	Family: Stichaeidae	31.30			W	3
87033	87210	1770	Family: Stichaeidae	31.80			W	1
87033	87210		Family: Stichaeidae	31.50	35.00	0.043	N	
87033	87210		Family: Stichaeidae	33.00	36.00	0.041	N	
87033	87210		Family: Stichaeidae	32.00	35.50	0.056	N	
87033	87210		Family: Stichaeidae	29.50	32.50	0.036	N	
87033	87210		Family: Stichaeidae	26.50	28.00	0.023	N	
87033	87210		Family: Stichaeidae	33.00	36.00	0.056	N	
87033	87218		Family: Pleuronectidae	5.50	5.50	< 0.001	N	
87034	87221	1910	*B. saida*	13.40			S	4
87034	87221	1911	*B. saida*	17.20			S	6
87034	87221	1912	*B. saida*	20.40			S	4
87034	87221	1913	*B. saida*	20.30			S	4
87034	87221	1914	*B. saida*	19.30			S	4
87034	87221	1915	*B. saida*	20.50			S	6
87034	87221	1916	*B. saida*	21.50			S	6
87034	87221	1917	*B. saida*	24.30			S	4
87034	87221	1918	*B. saida*	22.30			S	4
87034	87221		*B. saida*	25.00	27.00	0.083	N	
87034	87221		*B. saida*	23.00	25.00	0.066	N	
87034	87221		*B. saida*	14.00	15.00	0.018	N	
87034	87221		*B. saida*	20.50	22.00	0.063	N	
87034	87221		*B. saida*	22.00	24.00	0.065	N	
87034	87221		*B. saida*	21.00	23.00	0.061	N	
87034	87221		*B. saida*	21.50	23.50	0.047	N	
87034	87221		*B. saida*	21.00	22.50	0.048	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87034	87221		*B. saida*	20.00	22.00	0.058	N	
87034	87221		*B. saida*	16.50	19.00	0.036	N	
87034	87221		Family: Stichaeidae	19.50	22.50	0.076	N	
87034	87221	2112	*Liparis sp.*	13.20			W	5
87034	87221	2113	*Liparis sp.*	21.30			S	3
87034	87221	1706	*M. quadricornis*	18.30			S	5
87034	87222		*B. saida*	22.00	24.00	0.083	N	
87034	87222		*B. saida*	22.50	24.50	0.068	N	
87034	87222		*B. saida*	22.50	25.00	0.077	N	
87034	87222		*B. saida*	17.00	18.00	0.035	N	
87034	87222		*B. saida*	17.50	19.00	0.036	N	
87034	87222		*B. saida*	19.00	20.50	0.050	N	
87034	87222		*B. saida*	19.00	21.00	0.045	N	
87034	87222		*B. saida*	21.00	23.00	0.061	N	
87034	87222		*B. saida*	21.00	23.00	0.070	N	
87034	87222		*B. saida*	24.00	26.00	0.096	N	
87034	87222		*B. saida*	24.50	27.00	0.089	N	
87034	87222		*B. saida*	25.00	28.00	0.097	N	
87034	87222		*B. saida*	21.00	22.50	0.054	N	
87034	87222	1749	Family: Stichaeidae	27.00			W	3
87034	87222	1750	Family: Stichaeidae	28.30			W	1
87034	87222		Family: Stichaeidae	29.00	31.50	0.034	N	
87034	87222		Family: Stichaeidae	29.50	32.00	0.041	N	
87034	87222	2115	Liparis sp.	21.30			S	5
87034	87224		*B. saida*	25.00	27.00	0.104	N	
87034	87224		*B. saida*	14.00	14.50	0.015	N	
87034	87224		*B. saida*	25.50	27.50	0.109	N	
87034	87224		*B. saida*	24.00	25.50	0.081	N	
87034	87224		*B. saida*	22.00	24.00	0.060	N	
87034	87224		*B. saida*	11.00	11.00	0.008	N	
87034	87224		*B. saida*	17.50	18.50	0.035	N	
87034	87224		*B. saida*	19.00	20.00	0.043	N	
87034	87224		*B. saida*	20.50	22.00	0.054	N	
87034	87224		*B. saida*	20.50	22.50	0.055	N	
87034	87224		*B. saida*	21.00	22.50	0.058	N	
87034	87224		*B. saida*	22.00	23.00	0.054	N	
87034	87224	1704	Family: Stichaeidae	27.80			W	5
87034	87224	1705	Family: Stichaeidae	29.80			W	3
87034	87224		Family: Stichaeidae	31.50	34.00	0.047	N	
87034	87224		Family: Stichaeidae	30.00	33.00	0.046	N	
87034	87224	1995	*Icelus sp.*	13.80			W	5
87034	87224		*Icelus sp.*	15.00	17.00	0.019	N	
87035	87231	1782	Family: Stichaeidae	28.70			W	5
87035	87231		Family: Stichaeidae	30.00	32.50	0.042	N	
87035	87231	2045	*G. tricuspis*	21.70			S	3
87035	87231	2046	*G. tricuspis*	22.70			S	4
87035	87231	2047	*G. tricuspis*	26.80			S	3
87035	87231		*G. tricuspis*	24.00	28.00	0.132	N	
87035	87231		*G. tricuspis*	24.00	29.00	0.153	N	
87035	87231	2020	*Icelus sp.*	13.20			W	3
87035	87231	2021	*Icelus sp.*	15.50			W	3
87035	87231	2022	*Icelus sp.*	16.80			W	3
87035	87231		*Icelus sp.*	16.00	18.00	0.022	N	
87035	87231		*Icelus sp.*	13.00	15.00	0.018	N	
87035	87231		*Icelus sp.*	18.00	21.00	0.049	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87035	87232	1874	*B. saida*	12.90			S	6
87035	87232	1875	*B. saida*	20.80			S	0
87035	87232	1876	*B. saida*	24.00			S	6
87035	87232	1877	*B. saida*	24.30			S	6
87035	87232	1878	*B. saida*	25.10			S	6
87035	87232		*B. saida*	21.50	23.00	0.066	N	
87035	87232		*B. saida*	24.50	26.50	0.110	N	
87035	87232		*B. saida*	24.50	26.50	0.096	N	
87035	87232		*B. saida*	14.00	14.50	0.016	N	
87035	87232		*B. saida*	26.00	27.50	0.111	N	
87035	87232	1785	Family: Stichaeidae	30.80			W	5
87035	87232	1786	Family: Stichaeidae	31.50			W	5
87035	87232		Family: Stichaeidae	32.50	34.50	0.055	N	
87035	87232		Family: Stichaeidae	31.50	34.50	0.046	N	
87035	87232	2019	*Icelus sp.*	15.20			W	3
87035	87232		*Icelus sp.*	16.00	19.00	0.040	N	
87035	87234		*B. saida*	26.00	29.00	0.105	N	
87035	87234		*B. saida*	25.00	27.00	0.089	N	
87035	87234		*B. saida*	22.00	24.50	0.081	N	
87035	87234		*B. saida*	22.00	24.50	0.073	N	
87035	87234		*B. saida*	26.00	28.50	0.102	N	
87035	87234		*B. saida*	17.00	19.00	0.043	N	
87035	87234		*B. saida*	24.00	26.00	0.089	N	
87035	87234		*B. saida*	22.00	24.00	0.082	N	
87035	87234		*B. saida*	21.50	23.50	0.070	N	
87035	87234		*B. saida*	21.00	23.00	0.072	N	
87035	87234		*B. saida*	24.00	26.50	0.093	N	
87035	87234		*B. saida*	24.00	26.50	0.103	N	
87036	87239		*B. saida*	23.50	26.00	0.072	N	
87036	87241	1900	*B. saida*	19.30			S	6
87036	87241	1901	*B. saida*	19.00			S	6
87036	87241	1902	*B. saida*	23.50			S	6
87036	87241	1903	*B. saida*	25.70			S	6
87036	87241		*B. saida*	24.00	26.00	0.095	N	
87036	87241		*B. saida*	19.00	21.00	0.052	N	
87036	87241		*B. saida*	19.50	21.00	0.055	N	
87036	87241		*B. saida*	25.50	27.00	0.128	N	
87036	87242	1897	*B. saida*	15.00			S	6
87036	87242	1898	*B. saida*	22.00			S	6
87036	87242	1899	*B. saida*	21.70			S	6
87036	87242		*B. saida*	22.00	24.50	0.063	N	
87036	87242		*B. saida*	22.00	24.00	0.074	N	
87036	87242		*B. saida*	15.50	17.00	0.023	N	
87036	87244		*B. saida*	15.00	15.50	0.017	N	
87037	87252	1904	*B. saida*	17.20			S	6
87037	87252	1905	*B. saida*	16.60			S	6
87037	87252	1906	*B. saida*	18.30			S	6
87037	87252	1907	*B. saida*	21.10			S	4
87037	87252	1908	*B. saida*	25.20			S	4
87037	87252	1909	*B. saida*	31.80			S	4
87037	87252		*B. saida*	17.00	19.00	0.032	N	
87037	87252		*B. saida*	33.00	36.00	0.233	N	
87037	87252		*B. saida*	26.00	28.00	0.120	N	
87037	87252		*B. saida*	22.00	24.00	0.065	N	
87037	87252		*B. saida*	19.00	20.50	0.050	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87037	87252		*B. saida*	17.00	18.50	0.032	N	
87039	87253		*B. saida*	30.50	33.50	0.186	N	
87039	87253		*B. saida*	26.00	28.00	0.103	N	
87039	87253		*B. saida*	26.00	29.00	0.110	N	
87039	87253		*B. saida*	13.50	15.00	0.021	N	
87039	87253		*B. saida*	24.00	26.00	0.091	N	
87039	87254		*B. saida*	14.00	15.00	0.019	N	
87039	87254		*B. saida*	21.00	23.00	0.065	N	
87039	87255		*Arctogadus sp.*	18.50	20.00	0.036	N	
87039	87255		*B. saida*	17.00	18.00	0.034	N	
87039	87255		*B. saida*	13.50	14.00	0.007	N	
87039	87255		*B. saida*	27.00	29.00	0.116	N	
87039	87255		*B. saida*	20.00	21.50	0.046	N	
87039	87255		*B. saida*	19.50	21.00	0.049	N	
87060	87264	2114	*Liparis sp.*	8.50			W	5
87060	87265	1851	*C. harengus pallasi*	16.70			W	3
87060	87265	1852	*C. harengus pallasi*	18.80			W	1
87060	87265		*C. harengus pallasi*	19.50	21.00	0.025	N	
87060	87265		*C. harengus pallasi*	18.00	19.00	0.012	N	
87060	87267	1725	Family: Stichaeidae	31.30			W	5
87060	87267	1726	Family: Stichaeidae	32.50			W	1
87060	87267	1727	Family: Stichaeidae	34.30			W	3
87060	87267		Family: Stichaeidae	35.00	38.00	0.096	N	
87060	87267		Family: Stichaeidae	32.50	35.00	0.060	N	
87060	87267		Family: Stichaeidae	34.00	38.00	0.091	N	
87060	87267	2048	*G. tricuspis*	11.00			W	6
87060	87267	2049	*G. tricuspis*	11.70			W	4
87060	87267	2050	*G. tricuspis*	11.00			W	3
87060	87267	2051	*G. tricuspis*	11.90			W	1
87060	87267	2052	*G. tricuspis*	12.40			W	4
87060	87267	2053	*G. tricuspis*	12.70			W	6
87060	87267	2054	*G. tricuspis*	16.80			S	6
87060	87267	2055	*G. tricuspis*	25.80			S	6
87060	87267	2056	*G. tricuspis*	25.30			S	6
87060	87267	2057	*G. tricuspis*	26.80			S	6
87060	87267	2058	*G. tricuspis*	2.70			S	6
87060	87267		*G. tricuspis*	27.00	33.00	0.305	N	
87060	87267		*G. tricuspis*	29.50	35.50	0.371	N	
87060	87267		*G. tricuspis*	11.00	12.50	0.020	N	
87060	87267		*G. tricuspis*	27.00	33.00	0.342	N	
87060	87267		*G. tricuspis*	17.50	21.00	0.051	N	
87060	87267		*G. tricuspis*	13.00	15.00	0.023	N	
87060	87267		*G. tricuspis*	12.50	15.00	0.019	N	
87060	87267		*G. tricuspis*	12.00	14.00	0.019	N	
87060	87267		*G. tricuspis*	12.00	14.00	0.018	N	
87060	87267		*G. tricuspis*	11.00	13.00	0.014	N	
87060	87267		*G. tricuspis*	27.50	33.00	0.360	N	
87060	87267	2122	*Liparis sp.*	20.00			S	4
87060	87268	1982	*M. quadricornis*	14.20			W	5
87060	87268		*M. quadricornis*	15.00	17.00	0.027	N	
87060	87269		*G. tricuspis*	14.00	16.50	0.023	N	
87061	87272	2043	*Artediellus sp.*	28.70			S	6
87061	87272	1711	Family: Stichaeidae	29.70			W	3
87061	87272		Family: Stichaeidae	31.00	34.00	0.056	N	
87061	87272	2042	*G. tricuspis*	10.30			W	3

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87061	87272		*G. tricuspis*	11.00	13.00	0.011	N	
87061	87272	2105	*Liparis sp.*	10.30			W	3
87061	87272	2106	*Liparis sp.*	12.80			W	5
87061	87275	1891	*B. saida*	28.20			S	6
87061	87275		*B. saida*	28.50	30.50	0.128	N	
87061	87275	1707	Family: Stichaeidae	32.40			W	5
87061	87275		Family: Stichaeidae	33.50	36.50	0.075	N	
87062	87279		*B. saida*	32.50	35.00	0.231	N	
87062	87279		*B. saida*	35.00	39.00	0.245	N	
87062	87279		*B. saida*	24.50	26.50	0.108	N	
87062	87279		*B. saida*	28.00	30.00	0.128	N	
87062	87279		*B. saida*	28.00	30.50	0.124	N	
87062	87279		*B. saida*	34.50	38.00	0.261	N	
87062	87279		*B. saida*	36.50	40.00	0.306	N	
87062	87279		*B. saida*	28.00	30.50	0.126	N	
87062	87279		*B. saida*	27.00	29.50	0.116	N	
87062	87279		*B. saida*	29.50	32.50	0.160	N	
87062	87279	2107	*Liparis sp.*	10.50			W	1
87062	87280	1919	*B. saida*	20.00			S	0
87062	87280	1920	*B. saida*	22.20			S	3
87062	87280	1921	*B. saida*	24.80			S	6
87062	87280	1922	*B. saida*	26.00			S	4
87062	87280	1923	*B. saida*	28.00			S	6
87062	87280	1924	*B. saida*	27.80			S	6
87062	87280	1925	*B. saida*	28.30			S	4
87062	87280		*B. saida*	23.50	25.50	0.087	N	
87062	87280		*B. saida*	20.50	22.50	0.052	N	
87062	87280		*B. saida*	29.00	32.00	0.161	N	
87062	87280		*B. saida*	26.00	28.00	0.104	N	
87062	87280		*B. saida*	28.00	31.00	0.138	N	
87062	87280		*B. saida*	27.00	29.00	0.131	N	
87062	87280		*B. saida*	28.50	31.50	0.141	N	
87062	87281		*Arctogadus sp.*	31.00	33.00	0.141	N	
87062	87281		*B. saida*	27.00	30.00	0.124	N	
87062	87281		*B. saida*	28.50	31.00	0.137	N	
87062	87281		*B. saida*	28.00	31.00	0.159	N	
87062	87281		*B. saida*	32.00	34.50	0.176	N	
87062	87281		*B. saida*	25.00	27.00	0.088	N	
87062	87281		*B. saida*	21.00	23.00	0.067	N	
87062	87281		*B. saida*	28.50	31.00	0.130	N	
87062	87281		*B. saida*	21.50	23.50	0.103	N	
87062	87281		*B. saida*	25.00	27.50	0.090	N	
87062	87281		*B. saida*	27.50	30.00	0.128	N	
87062	87281		*B. saida*	31.50	34.00	0.177	N	
87062	87281		*B. saida*	21.00	22.50	0.063	N	
87062	87281		*B. saida*	26.00	28.50	0.104	N	
87062	87281		*B. saida*	27.00	30.50	0.137	N	
87062	87281		*B. saida*	27.00	30.50	0.129	N	
87062	87281		*B. saida*	27.00	30.00	0.129	N	
87062	87281		*B. saida*	44.00	48.00	0.491	N	
87062	87281		*B. saida*	25.50	28.00	0.103	N	
87062	87281		*B. saida*	30.00	33.00	0.142	N	
87062	87281		*B. saida*	32.00	35.00	0.171	N	
87062	87281		*B. saida*	28.50	32.00	0.138	N	
87062	87281		*B. saida*	36.00	40.00	0.289	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87062	87281		*B. saida*	29.50	32.00	0.150	N	
87062	87281		*B. saida*	20.50	22.00	0.050	N	
87062	87281		*B. saida*	31.00	34.00	0.173	N	
87062	87281		*B. saida*	31.00	34.00	0.197	N	
87062	87281		*B. saida*	31.50	34.00	0.161	N	
87062	87281		*B. saida*	31.50	35.00	0.178	N	
87062	87281		*B. saida*	32.50	36.00	0.173	N	
87062	87281		*B. saida*	29.00	32.00	0.143	N	
87062	87282		*B. saida*	19.50	20.50	0.041	N	
87062	87282		*B. saida*	29.50	31.50	0.164	N	
87062	87282		*B. saida*	29.50	31.00	0.174	N	
87062	87282		*B. saida*	29.00	31.00	0.139	N	
87062	87282		*B. saida*	28.50	30.50	0.131	N	
87062	87282		*B. saida*	28.50	30.00	0.144	N	
87062	87282		*B. saida*	27.00	29.00	0.133	N	
87062	87282		*B. saida*	26.50	28.50	0.111	N	
87062	87282		*B. saida*	26.00	28.00	0.119	N	
87062	87282		*B. saida*	31.50	34.00	0.191	N	
87062	87282		*B. saida*	27.50	29.50	0.150	N	
87062	87282		*B. saida*	24.50	26.00	0.098	N	
87062	87282		*B. saida*	31.50	34.00	0.185	N	
87062	87282		*B. saida*	24.50	26.00	0.092	N	
87062	87282		*B. saida*	37.00	41.00	0.300	N	
87062	87282		*B. saida*	34.50	37.50	0.232	N	
87062	87282		*B. saida*	32.00	34.00	0.208	N	
87063	87287	1884	*B. saida*	22.20			S	5
87063	87287	1885	*B. saida*	34.50			S	6
87063	87287		*B. saida*	34.50	37.00	0.243	N	
87063	87287		*B. saida*	22.50	24.50	0.072	N	
87063	87288	1926	*B. saida*	29.80			S	2
87063	87288	1927	*B. saida*	38.70			S	6
87063	87288		*B. saida*	30.00	33.00	0.161	N	
87063	87288		*B. saida*	40.50	44.00	0.370	N	
87063	87289	1887	*B. saida*	22.50			S	6
87063	87289	1888	*B. saida*	28.30			S	4
87063	87289		*B. saida*	29.00	31.00	0.123	N	
87064	87294		*B. saida*	40.00	43.00	0.351	N	
87064	87294		*B. saida*	36.00	39.00	0.250	N	
87064	87294		*B. saida*	50.00	54.00	0.708	N	
87064	87294		*B. saida*	39.00	42.00	0.328	N	
87064	87294		*B. saida*	36.00	39.00	0.278	N	
87064	87294		*B. saida*	40.00	43.50	0.400	N	
87064	87294		*B. saida*	41.50	45.50	0.430	N	
87064	87294		*B. saida*	44.00	48.00	0.508	N	
87064	87294		*B. saida*	44.50	49.00	0.498	N	
87064	87294		*B. saida*	46.00	50.00	0.673	N	
87064	87294		*B. saida*	47.50	52.00	0.641	N	
87064	87294		*B. saida*	[illegible].00	57.50	0.865	N	
87064	87294	1693	Family: Stichaeidae	35.30			W	3
87064	87294	1694	Family: Stichaeidae	32.80			W	3
87064	87294	1695	Family: Stichaeidae	36.30			W	5
87064	87294	1696	Family: Stichaeidae	38.30			W	3
87064	87294	1697	Family: Stichaeidae	37.90			W	3
87064	87294		Family: Stichaeidae	37.00	41.00	0.087	N	
87064	87294		Family: Stichaeidae	39.50	43.50	0.098	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87064	87294		Family: Stichaeidae	37.50	40.50	0.085	N	
87064	87294		Family: Stichaeidae	34.00	37.50	0.062	N	
87064	87294		Family: Stichaeidae	39.50	43.00	0.101	N	
87064	87294		*G. tricuspis*	30.00	35.50	0.361	N	
87064	87294		*G. tricuspis*	28.50	35.00	0.336	N	
87064	87294		*G. tricuspis*	28.00	34.00	0.354	N	
87064	87294		*G. tricuspis*	29.00	35.00	0.359	N	
87064	87294		*G. tricuspis*	31.50	38.00	0.478	N	
87064	87294		*G. tricuspis*	30.00	35.50	0.381	N	
87064	87294		*G. tricuspis*	30.00	36.00	0.377	N	
87064	87294		*G. tricuspis*	30.00	36.00	0.397	N	
87064	87294		*G. tricuspis*	31.00	37.00	0.369	N	
87064	87294		*G. tricuspis*	31.00	37.00	0.379	N	
87064	87294		*G. tricuspis*	28.00	34.00	0.385	N	
87064	87294		*G. tricuspis*	28.00	34.00	0.312	N	
87064	87294		*G. tricuspis*	27.50	33.50	0.329	N	
87064	87294		*G. tricuspis*	27.50	33.50	0.283	N	
87064	87294		*G. tricuspis*	27.00	33.00	0.301	N	
87064	87294		*G. tricuspis*	16.00	18.50	0.033	N	
87064	87294		*G. tricuspis*	12.50	16.00	0.030	N	
87064	87294		*G. tricuspis*	28.00	34.00	0.341	N	
87064	87294		*G. tricuspis*	28.00	34.00	0.294	N	
87064	87294	2088	*L. tunicatus*	28.70			S	6
87064	87294		*L. tunicatus*	30.00	34.00	0.404	N	
87064	87295		*B. saida*	40.50	44.00	0.389	N	
87064	87295		*B. saida*	56.00	60.00	0.618	N	
87064	87295		*B. saida*	40.50	44.00	0.324	N	
87064	87295		*B. saida*	49.00	53.50	0.339	N	
87064	87295		*B. saida*	46.00	50.00	0.544	N	
87064	87295		*B. saida*	36.50	41.00	0.283	N	
87064	87295		*B. saida*	41.00	46.00	0.439	N	
87064	87295		Family: Stichaeidae	37.50	42.00	0.095	N	
87064	87295		Family: Stichaeidae	39.50	43.50	0.108	N	
87064	87295		Family: Stichaeidae	38.00	41.50	0.090	N	
87064	87295		Family: Stichaeidae	38.50	43.00	0.097	N	
87064	87295	2066	*G. tricuspis*	27.70			S	6
87064	87295	2067	*G. tricuspis*	27.80			S	6
87064	87295	2068	*G. tricuspis*	27.00			S	6
87064	87295	2069	*G. tricuspis*	28.30			S	6
87064	87295	2070	*G. tricuspis*	26.70			S	6
87064	87295	2071	*G. tricuspis*	29.80			S	6
87064	87295	2072	*G. tricuspis*	30.80			S	4
87064	87295		*G. tricuspis*	33.00	40.00	0.487	N	
87064	87295		*G. tricuspis*	28.50	34.00	0.272	N	
87064	87295		*G. tricuspis*	31.50	38.00	0.419	N	
87064	87295		*G. tricuspis*	29.50	36.50	0.327	N	
87064	87295		*G. tricuspis*	30.50	37.00	0.405	N	
87064	87295		*G. tricuspis*	30.00	36.00	0.345	N	
87064	87295		*G. tricuspis*	29.00	35.50	0.301	N	
87064	87295		*G. tricuspis*	29.00	35.00	0.310	N	
87064	87295		*G. tricuspis*	27.00	33.00	0.253	N	
87064	87295		*G. tricuspis*	25.00	30.50	0.207	N	
87064	87295		*G. tricuspis*	28.00	34.00	0.350	N	
87064	87295		*G. tricuspis*	30.00	36.00	0.401	N	
87064	87295		*G. tricuspis*	26.00	32.00	0.285	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87064	87295		*G. tricuspis*	29.00	35.00	0.350	N	
87064	87295		*G. tricuspis*	27.50	34.00	0.317	N	
87064	87295	2089	*L. tunicatus*	32.80			S	6
87064	87295		*L. tunicatus*	33.00	37.50	0.605	N	
87064	87296	1871	*B. saida*	38.30			S	6
87064	87296	1872	*B. saida*	40.80			S	6
87064	87296	1873	*B. saida*	45.50			S	6
87064	87296		*B. saida*	41.50	45.00	0.451	N	
87064	87296		*B. saida*	46.00	50.00	0.653	N	
87064	87296		*B. saida*	39.00	42.00	0.324	N	
87064	87296		*B. saida*	39.00	42.50	0.375	N	
87064	87296		*B. saida*	39.00	43.00	0.412	N	
87064	87296		*B. saida*	39.00	43.00	0.416	N	
87064	87296		*B. saida*	41.00	44.00	0.396	N	
87064	87296		*B. saida*	41.00	45.00	0.540	N	
87064	87296		*B. saida*	48.00	53.00	0.817	N	
87064	87296		*B. saida*	42.50	46.00	0.452	N	
87064	87296		Family: Stichaeidae	27.50	30.00	0.032	N	
87064	87296		*G. tricuspis*	14.00	16.50	0.021	N	
87064	87296		*G. tricuspis*	18.00	21.50	0.067	N	
87064	87297	1928	*B. saida*	38.20			S	2
87064	87297	1929	*B. saida*	40.70			S	4
87064	87297	1930	*B. saida*	43.30			S	6
87064	87297		*B. saida*	42.00	46.00	0.499	N	
87064	87297		*B. saida*	46.00	51.00	0.694	N	
87064	87297		*B. saida*	44.00	48.00	0.484	N	
87064	87297		*B. saida*	41.50	45.00	0.435	N	
87064	87297		*B. saida*	44.00	48.00	0.575	N	
87064	87297		*B. saida*	39.00	43.00	0.386	N	
87064	87297		*B. saida*	37.00	41.00	0.277	N	
87064	87297		*B. saida*	34.00	37.50	0.496	N	
87064	87297		*B. saida*	34.00	37.00	0.211	N	
87064	87297	1698	Family: Stichaeidae	36.80			W	5
87064	87297	1699	Family: Stichaeidae	39.00			W	5
87064	87297	1700	Family: Stichaeidae	35.70			W	3
87064	87297	1701	Family: Stichaeidae	35.70			W	3
87064	87297	1702	Family: Stichaeidae	39.30			W	5
87064	87297		Family: Stichaeidae	37.00	41.00	0.075	N	
87064	87297		Family: Stichaeidae	37.50	40.50	0.088	N	
87064	87297		Family: Stichaeidae	40.50	45.00	0.112	N	
87064	87297		Family: Stichaeidae	39.50	44.00	0.104	N	
87064	87297		Family: Stichaeidae	35.00	38.50	0.080	N	
87064	87297		Family: Stichaeidae	39.50	44.50	0.119	N	
87064	87299	1973	*E. gracilis*	12.70			W	6
87064	87299		*E. gracilis*	13.00	14.00	0.012	N	
87064	87299		*G. tricuspis*	15.00	17.50	0.025	N	
87066	87302	1835	*C. harengus pallasi*	22.70			W	0
87066	87302		*C. harengus pallasi*	24.50	27.50	0.036	N	
87066	87303	1931	*B. saida*	85.00			S	6
87066	87303		*B. saida*	88.00	97.00	5.622	N	
87066	87305		Family: Pleuronectidae	6.00	7.00	0.001	N	
87067	87312	2059	*G. tricuspis*	44.50			S	4
87067	87312		*G. tricuspis*	45.00	55.00	1.837	N	
87065	87317	1932	*B. saida*	25.00			S	6
87065	87317	1933	*B. saida*	28.30			S	6

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 11. (continued) Standard and total length, weight, and stomach fullness of fishes captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number[a]	Species	Length (mm)		Weight (g)	Stomach	
				Standard	Total		Sampled[b]	Fullness[c]
87065	87317	1934	*B. saida*	30.50			S	4
87065	87317		*B. saida*	29.00	32.00	0.141	N	
87065	87317		*B. saida*	32.00	35.50	0.197	N	
87065	87317		*B. saida*	25.50	27.00	0.132	N	
87065	87317	2044	*G. tricuspis*	26.70			S	6
87065	87317		*G. tricuspis*	28.00	34.50	0.263	N	
87065	87317		*G. tricuspis*	31.00	37.50	0.422	N	
87065	87317	2092	*L. tunicatus*	24.20			S	5
87065	87317	2093	*L. tunicatus*	28.20			S	6
87065	87317	2094	*L. tunicatus*	28.20			S	6
87065	87317		*L. tunicatus*	30.00	34.50	0.455	N	
87065	87317		*L. tunicatus*	30.00	34.50	0.519	N	
87065	87317		*L. tunicatus*	24.50	28.50	0.243	N	
87065	87318	1889	*B. saida*	41.00			S	6
87065	87318	1890	*B. saida*	39.30			S	4
87065	87318		*B. saida*	39.00	43.00	0.533	N	
87065	87318		*B. saida*	39.50	44.00	0.482	N	
87065	87318	2073	*G. tricuspis*	29.70			S	5
87065	87318		*G. tricuspis*	31.50	38.00	0.351	N	
87065	87318	2090	*L. tunicatus*	26.80			S	4
87065	87318	2091	*L. tunicatus*	26.70			S	4
87065	87318		*L. tunicatus*	27.50	31.50	0.330	N	
87065	87318		*L. tunicatus*	27.00	30.50	0.295	N	
87065	87320		*G. tricuspis*	30.00	36.00	0.323	N	
87068	87324	1870	*C. harengus pallasi*	34.30			S	2
87068	87324		*C. harengus pallasi*	36.00	41.50	0.330	N	
87068	87326	2063	*G. tricuspis*	27.80			S	4
87068	87326	2064	*G. tricuspis*	28.00			S	4
87068	87326	2065	*G. tricuspis*	28.70			S	2
87068	87326		*G. tricuspis*	29.00	35.50	0.405	N	
87068	87326		*G. tricuspis*	29.00	35.00	0.319	N	
87068	87326		*G. tricuspis*	30.00	36.00	0.419	N	
87068	87327	1863	*C. harengus pallasi*	28.30			S	4
87068	87327		*C. harengus pallasi*	29.50	33.50	0.112	N	
87068	87327	2060	*G. tricuspis*	28.30			S	4
87068	87327	2061	*G. tricuspis*	32.50			S	6
87068	87327		*G. tricuspis*	29.00	35.00	0.372	N	
87068	87327		*G. tricuspis*	34.00	40.00	0.625	N	
87069	87332		*B. saida*	41.00	46.00	0.430	N	
87069	87332	1722	Family: Stichaeidae	35.30			W	1
87069	87332	1723	Family: Stichaeidae	40.50			W	3
87069	87332		Family: Stichaeidae	41.00	45.50	0.160	N	
87069	87332		Family: Stichaeidae	36.50	41.00	0.093	N	
87069	87333		*B. saida*	51.50	56.50	1.052	N	
87069	87333	1779	Family: Stichaeidae	34.00			W	5
87069	87333	1780	Family: Stichaeidae	37.80			W	5
87069	87333	1781	Family: Stichaeidae	41.00			W	3
87069	87333		Family: Stichaeidae	35.00	39.00	0.078	N	
87069	87333		Family: Stichaeidae	38.00	43.00	0.118	N	
87069	87333		Family: Stichaeidae	42.00	46.50	0.129	N	

[a] Fish Sample Number refers to individual fish that were further examined for stomach contents (see Table 12).
[b] N = not sampled; W = whole digestive tract; S = stomach only.
[c] Stomach fullness codes given in Table 3.

Table 12. Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87015	87029	1896	*B. saida*	*Apherusa glacialis*	39	1
87015	87029	1896	*B. saida*	*Calanus hyperboreus*	74	1
87015	87029	1896	*B. saida*	*Calanus hyperboreus*	75	1
87015	87029	1896	*B. saida*	*Chirídius obtusifrons*	76	1
87015	87029	1896	*B. saida*	*Euchaeta glacialis*	75	1
87015	87029	1896	*B. saida*	Family: Hemiuridae	58	4
87015	87029	1896	*B. saida*	*Jaschnovia (=Derjuginia) tolli*	74	2
87015	87029	1896	*B. saida*	*Jaschnovia (=Derjuginia) tolli*	73	4
87015	87029	1896	*B. saida*	*Limnocalanus macrurus*	75	2
87015	87029	1896	*B. saida*	*Metridia longa*	74	1
87015	87029	1896	*B. saida*	*Metridia longa*	75	1
87015	87029	1896	*B. saida*	*Metridia longa*	76	1
87015	87029	1896	*B. saida*	*Oikopleura vanhoeffeni*	0	1
87015	87029	1896	*B. saida*	Order: Calanoida	83	3
87015	87029	1896	*B. saida*	*Pseudocalanus minutus*	77	1
87015	87029	1896	*B. saida*	*Pseudocalanus minutus*	83	16
87015	87029	1896	*B. saida*	*Pseudocalanus minutus*	76	155
87015	87029	1896	*B. saida*	*Pseudocalanus minutus*	75	3
87015	87029	1896	*B. saida*	*Scolecithricella minor*	76	1
87015	87029	2005	*Icelus sp.*	*Pseudocalanus minutus*	76	10
87015	87029	2005	*Icelus sp.*	*Pseudocalanus minutus*	83	300
87015	87030	1895	*B. saida*	*Calanus glacialis*	76	17
87015	87030	1895	*B. saida*	Family: Hemiuridae	58	6
87015	87030	1895	*B. saida*	*Jaschnovia (=Derjuginia) tolli*	74	1
87015	87030	1895	*B. saida*	*Limnocalanus macrurus*	74	1
87015	87030	1895	*B. saida*	*Limnocalanus macrurus*	75	1
87015	87030	1895	*B. saida*	*Metridia longa*	76	4
87015	87030	1895	*B. saida*	*Pseudocalanus minutus*	76	57
87015	87031	1849	*C. harengus pallasi*	*Acartia clausi*	75	1
87015	87031	1849	*C. harengus pallasi*	*Acartia clausi*	76	4
87015	87031	1849	*C. harengus pallasi*	*Cyclops sp.*	82	1
87015	87031	1849	*C. harengus pallasi*	Family: Hemiuridae	58	1
87015	87031	1849	*C. harengus pallasi*	Order: Calanoida	5	2
87015	87031	2003	*Icelus sp.*	*Pseudocalanus minutus*	76	6
87015	87031	2003	*Icelus sp.*	*Pseudocalanus minutus*	83	166
87016	87037	2080	*L. fabricii*	*Limnocalanus macrurus*	74	1
87016	87037	2080	*L. fabricii*	*Limnocalanus macrurus*	75	3
87016	87037	2080	*L. fabricii*	*Limnocalanus macrurus*	76	3
87016	87037	2081	*L. fabricii*	*Calanus glacialis*	76	1
87016	87038	2010	*Icelus sp.*	Family: Hemiuridae	58	2
87016	87038	2010	*Icelus sp.*	*Pseudocalanus minutus*	76	6
87016	87038	2010	*Icelus sp.*	*Pseudocalanus minutus*	83	132
87016	87038	2011	*Icelus sp.*	Family: Hemiuridae	58	1
87016	87038	2011	*Icelus sp.*	*Pseudocalanus minutus*	76	16
87016	87038	2011	*Icelus sp.*	*Pseudocalanus minutus*	83	475
87016	87038	2075	*L. fabricii*	*Hyperiidae sp.*	38	1
87016	87038	2075	*L. fabricii*	*Oikopleura vanhoeffeni*	0	1
87016	87039	2006	*Icelus sp.*	*Pseudocalanus minutus*	76	14
87016	87039	2006	*Icelus sp.*	*Pseudocalanus minutus*	83	510
87016	87039	2007	*Icelus sp.*	*Calanus glacialis*	76	1
87016	87039	2007	*Icelus sp.*	*Pseudocalanus minutus*	76	1
87016	87039	2007	*Icelus sp.*	*Pseudocalanus minutus*	83	5
87016	87039	2008	*Icelus sp.*	*Pseudocalanus minutus*	76	10
87016	87039	2008	*Icelus sp.*	*Pseudocalanus minutus*	83	76
87016	87039	2009	*Icelus sp.*	Family: Hemiuridae	58	1
87016	87039	2009	*Icelus sp.*	*Limnocalanus macrurus*	77	1
87016	87039	2009	*Icelus sp.*	*Metridia longa*	77	1
87016	87039	2009	*Icelus sp.*	*Oikopleura vanhoeffeni*	0	1
87016	87039	2009	*Icelus sp.*	*Pseudocalanus minutus*	76	15
87016	87039	2009	*Icelus sp.*	*Pseudocalanus minutus*	83	380
87017	87045	2040	*Icelus sp.*	*Pseudocalanus minutus*	76	13

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87017	87045	2040	*Icelus sp.*	*Pseudocalanus minutus*	83	200
87017	87046	1764	*A. medius*	*Pseudocalanus minutus*	76	6
87017	87046	1764	*A. medius*	*Pseudocalanus minutus*	83	129
87017	87047	1789	*A. medius*	*Pseudocalanus minutus*	76	1
87017	87047	1789	*A. medius*	*Pseudocalanus minutus*	83	15
87017	87048	2079	*L. fabricii*	*Calanus hyperboreus*	75	1
87017	87048	2079	*L. fabricii*	*Oikopleura vanhoeffeni*	0	2
87017	87050	1974	*M. quadricornis*	*Limnocalanus macrurus*	75	2
87018	87052	2082	*L. fabricii*	*Microcalanus pygmaeus*	75	2
87018	87052	2082	*L. fabricii*	*Microcalanus pygmaeus*	73	1
87018	87052	2082	*L. fabricii*	*Microcalanus pygmaeus*	74	1
87018	87052	2082	*L. fabricii*	*Oncaea borealis*	81	1
87018	87052	2082	*L. fabricii*	Order: Calanoida	5	1
87018	87056	1979	*M. quadricornis*	*Calanus glacialis*	71	1
87018	87056	1979	*M. quadricornis*	Class: Polychaeta	32	1
87018	87056	1979	*M. quadricornis*	*Oncaea borealis*	76	1
87018	87056	1979	*M. quadricornis*	Order: Calanoida	79	2
87018	87056	1979	*M. quadricornis*	Order: Calanoida	80	1
87018	87056	1979	*M. quadricornis*	*Pseudocalanus minutus*	74	1
87018	87056	1979	*M. quadricornis*	*Pseudocalanus minutus*	76	1
87018	87056	1979	*M. quadricornis*	*Pseudocalanus minutus*	83	23
87020	87060	2023	*Icelus sp.*	Family: Hemiuridae	58	1
87020	87060	2023	*Icelus sp.*	*Pseudocalanus minutus*	76	3
87020	87060	2023	*Icelus sp.*	*Pseudocalanus minutus*	83	120
87020	87061	2016	*Icelus sp.*	*Limnocalanus macrurus*	77	1
87020	87061	2016	*Icelus sp.*	*Metridia longa*	75	1
87020	87061	2016	*Icelus sp.*	*Pseudocalanus minutus*	76	2
87020	87061	2016	*Icelus sp.*	*Pseudocalanus minutus*	83	80
87020	87062	2095	*L. tunicatus*	*Pseudocalanus minutus*	76	5
87020	87062	2095	*L. tunicatus*	*Pseudocalanus minutus*	83	185
87020	87063	2102	*Liparis sp.*	Order: Calanoida	5	1
87020	87063	2103	*Liparis sp.*	Order: Calanoida	5	1
87020	87063	2103	*Liparis sp.*	Order: Calanoida	79	3
87020	87064	1742	*A. medius*	*Pseudocalanus minutus*	76	5
87020	87064	1742	*A. medius*	*Pseudocalanus minutus*	83	82
87020	87064	1743	*A. medius*	Family: Hemiuridae	58	1
87020	87064	1743	*A. medius*	*Pseudocalanus minutus*	83	84
87020	87064	1743	*A. medius*	*Pseudocalanus minutus*	76	6
87020	87064	1744	*A. medius*	*Limnocalanus macrurus*	75	2
87020	87064	1744	*A. medius*	*Limnocalanus macrurus*	76	1
87020	87064	1744	*A. medius*	*Pseudocalanus minutus*	73	3
87020	87064	1744	*A. medius*	*Pseudocalanus minutus*	76	11
87020	87064	1744	*A. medius*	*Pseudocalanus minutus*	83	201
87020	87064	1745	*A. medius*	Order: Calanoida	5	1
87020	87064	1745	*A. medius*	*Pseudocalanus minutus*	76	7
87020	87064	1745	*A. medius*	*Pseudocalanus minutus*	83	71
87020	87064	1746	*A. medius*	*Pseudocalanus minutus*	76	6
87020	87064	1746	*A. medius*	*Pseudocalanus minutus*	83	129
87020	87064	1746	*A. medius*	*Pseudocalanus minutus*	5	1
87020	87064	1747	*A. medius*	*Pseudocalanus minutus*	75	1
87020	87064	1747	*A. medius*	*Pseudocalanus minutus*	76	5
87020	87064	1747	*A. medius*	*Pseudocalanus minutus*	83	132
87020	87064	1747	*A. medius*	*Pseudocalanus minutus*	5	2
87020	87065	1801	*O. mordax*	*Limnocalanus macrurus*	74	1
87020	87065	1987	*M. quadricornis*	Order: Calanoida	5	2
87020	87065	1988	*M. quadricornis*	*Limnocalanus macrurus*	5	1
87020	87065	1990	*M. quadricornis*	*Limnocalanus macrurus*	72	1
87020	87065	1990	*M. quadricornis*	*Mysis litoralis*	38	1
87020	87065	1990	*M. quadricornis*	*Pseudocalanus minutus*	76	1
87020	87065	1991	*M. quadricornis*	*Limnocalanus macrurus*	5	1
87020	87065	1992	*M. quadricornis*	*Limnocalanus macrurus*	77	1
87020	87065	1992	*M. quadricornis*	Order: Mysidacea	38	1

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87020	87065	1993	*M. quadricornis*	*Limnocalanus macrurus*	5	1
87020	87065	1993	*M. quadricornis*	*Mysis litoralis*	38	1
87021	87068	2087	*L. fabricii*	*Microcalanus pygmaeus*	74	3
87021	87068	2087	*L. fabricii*	*Microcalanus pygmaeus*	75	3
87021	87068	2087	*L. fabricii*	*Microcalanus pygmaeus*	76	2
87021	87068	2087	*L. fabricii*	*Pseudocalanus minutus*	76	8
87021	87068	2087	*L. fabricii*	*Pseudocalanus minutus*	83	155
87021	87069	1997	*Icelus sp.*	*Pseudocalanus minutus*	76	19
87021	87069	1997	*Icelus sp.*	*Pseudocalanus minutus*	83	405
87021	87069	2000	*Icelus sp.*	Family: Hemiuridae	58	1
87021	87069	2000	*Icelus sp.*	*Pseudocalanus minutus*	76	9
87021	87069	2000	*Icelus sp.*	*Pseudocalanus minutus*	83	110
87021	87069	2086	*L. fabricii*	*Microcalanus pygmaeus*	74	3
87021	87069	2086	*L. fabricii*	*Microcalanus pygmaeus*	75	4
87021	87069	2086	*L. fabricii*	*Microcalanus pygmaeus*	76	12
87021	87069	2086	*L. fabricii*	*Microcalanus pygmaeus*	77	1
87021	87070	2004	*Icelus sp.*	*Pseudocalanus minutus*	76	32
87021	87070	2004	*Icelus sp.*	*Pseudocalanus minutus*	83	453
87021	87071	1732	*A. medius*	*Limnocalanus macrurus*	77	5
87021	87071	1732	*A. medius*	*Pseudocalanus minutus*	76	1
87021	87071	1733	*A. medius*	*Pseudocalanus minutus*	83	140
87021	87071	1733	*A. medius*	*Pseudocalanus minutus*	76	8
87021	87071	1734	*A. medius*	*Pseudocalanus minutus*	83	103
87021	87071	1734	*A. medius*	*Pseudocalanus minutus*	76	9
87021	87071	1735	*A. medius*	Family: Hemiuridae	58	1
87021	87071	1735	*A. medius*	*Pseudocalanus minutus*	72	1
87021	87071	1735	*A. medius*	*Pseudocalanus minutus*	73	4
87021	87071	1735	*A. medius*	*Pseudocalanus minutus*	76	20
87021	87071	1735	*A. medius*	*Pseudocalanus minutus*	83	144
87021	87071	1736	*A. medius*	*Limnocalanus macrurus*	5	1
87021	87071	1736	*A. medius*	*Limnocalanus macrurus*	74	2
87021	87071	1736	*A. medius*	*Limnocalanus macrurus*	75	1
87021	87071	1736	*A. medius*	*Pseudocalanus minutus*	76	8
87021	87071	1736	*A. medius*	*Pseudocalanus minutus*	83	55
87021	87071	1736	*A. medius*	*Pseudocalanus minutus*	75	1
87021	87071	1737	*A. medius*	*Pseudocalanus minutus*	83	122
87021	87071	1737	*A. medius*	*Pseudocalanus minutus*	76	24
87021	87071	1738	*A. medius*	*Limnocalanus macrurus*	5	1
87021	87071	1738	*A. medius*	*Limnocalanus macrurus*	75	1
87021	87071	1738	*A. medius*	*Pseudocalanus minutus*	76	16
87021	87071	1738	*A. medius*	*Pseudocalanus minutus*	83	158
87021	87071	1978	*M. quadricornis*	*Limnocalanus macrurus*	5	2
87021	87071	1978	*M. quadricornis*	Order: Calanoida	5	4
87021	87073	1983	*M. quadricornis*	*Eurytemora sp.*	73	1
87021	87073	1983	*M. quadricornis*	*Limnocalanus macrurus*	76	3
87021	87073	1983	*M. quadricornis*	*Limnocalanus macrurus*	5	2
87021	87073	1984	*M. quadricornis*	*Limnocalanus macrurus*	77	1
87021	87073	1984	*M. quadricornis*	*Limnocalanus macrurus*	5	3
87022	87076	1883	*B. saida*	*Pseudocalanus minutus*	72	2
87022	87076	1996	*Icelus sp.*	*Pseudocalanus minutus*	76	8
87022	87076	1996	*Icelus sp.*	*Pseudocalanus minutus*	83	220
87022	87076	2083	*L. fabricii*	*Microcalanus pygmaeus*	74	1
87022	87076	2083	*L. fabricii*	*Microcalanus pygmaeus*	75	6
87022	87076	2083	*L. fabricii*	*Microcalanus pygmaeus*	76	3
87022	87076	2083	*L. fabricii*	*Microcalanus pygmaeus*	77	2
87022	87076	2083	*L. fabricii*	*Pseudocalanus minutus*	83	115
87022	87076	2083	*L. fabricii*	*Pseudocalanus minutus*	75	1
87022	87076	2083	*L. fabricii*	*Pseudocalanus minutus*	76	5
87022	87076	2084	*L. fabricii*	*Oikopleura vanhoeffeni*	0	1
87022	87076	2085	*L. fabricii*	Family: Hemiuridae	58	1
87022	87076	2085	*L. fabricii*	*Limnocalanus macrurus*	76	2
87022	87076	2085	*L. fabricii*	*Limnocalanus macrurus*	77	5

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87022	87076	2085	*L. fabricii*	*Oikopleura vanhoeffeni*	0	1
87022	87076	2098	*Liparis sp.*	*Limnocalanus macrurus*	75	1
87022	87076	2098	*Liparis sp.*	*Limnocalanus macrurus*	76	5
87022	87076	2098	*Liparis sp.*	*Pseudocalanus minutus*	76	4
87022	87077	1790	*A. medius*	Order: Calanoida	79	2
87022	87077	1790	*A. medius*	*Pseudocalanus minutus*	73	2
87022	87077	1790	*A. medius*	*Pseudocalanus minutus*	74	1
87022	87077	1790	*A. medius*	*Pseudocalanus minutus*	83	11
87022	87077	1791	*A. medius*	*Limnocalanus macrurus*	75	1
87022	87077	1791	*A. medius*	*Pseudocalanus minutus*	83	20
87022	87077	1791	*A. medius*	*Pseudocalanus minutus*	76	4
87022	87077	1792	*A. medius*	*Pseudocalanus minutus*	76	6
87022	87077	1792	*A. medius*	*Pseudocalanus minutus*	83	25
87022	87077	1793	*A. medius*	*Limnocalanus macrurus*	74	2
87022	87077	1793	*A. medius*	*Limnocalanus macrurus*	75	1
87022	87077	1793	*A. medius*	*Pseudocalanus minutus*	76	2
87022	87077	1793	*A. medius*	*Pseudocalanus minutus*	83	28
87022	87077	1994	*M. quadricornis*	*Limnocalanus macrurus*	75	1
87022	87077	1994	*M. quadricornis*	Order: Calanoida	5	1
87022	87077	2025	*Icelus sp.*	*Pseudocalanus minutus*	83	200
87022	87077	2025	*Icelus sp.*	*Pseudocalanus minutus*	76	16
87022	87078	2001	*Icelus sp.*	Family: Hemiuridae	58	3
87022	87078	2001	*Icelus sp.*	*Limnocalanus macrurus*	76	2
87022	87078	2001	*Icelus sp.*	*Pseudocalanus minutus*	76	4
87022	87078	2001	*Icelus sp.*	*Pseudocalanus minutus*	83	39
87022	87078	2002	*Icelus sp.*	Family: Hemiuridae	58	1
87022	87078	2002	*Icelus sp.*	*Pseudocalanus minutus*	76	6
87022	87078	2002	*Icelus sp.*	*Pseudocalanus minutus*	83	66
87022	87078	2062	*G. tricuspis*	*Pseudocalanus minutus*	76	1
87022	87078	2062	*G. tricuspis*	*Pseudocalanus minutus*	83	48
87022	87079	1783	*A. medius*	*Limnocalanus macrurus*	74	1
87022	87079	1783	*A. medius*	*Limnocalanus macrurus*	75	1
87022	87079	1783	*A. medius*	*Pseudocalanus minutus*	76	5
87022	87079	1783	*A. medius*	*Pseudocalanus minutus*	83	74
87022	87079	1784	*A. medius*	*Limnocalanus macrurus*	75	2
87022	87079	1784	*A. medius*	*Limnocalanus macrurus*	76	3
87022	87079	1784	*A. medius*	*Limnocalanus macrurus*	77	3
87022	87079	1977	*M. quadricornis*	*Limnocalanus macrurus*	5	1
87022	87079	1977	*M. quadricornis*	*Limnocalanus macrurus*	76	1
87022	87079	1977	*M. quadricornis*	*Limnocalanus macrurus*	77	1
87022	87079	1977	*M. quadricornis*	*Pseudocalanus minutus*	76	1
87022	87079	2097	*Liparis sp.*	Family: Hemiuridae	58	1
87022	87079	2097	*Liparis sp.*	*Limnocalanus macrurus*	76	11
87022	87079	2097	*Liparis sp.*	*Limnocalanus macrurus*	77	4
87022	87079	2097	*Liparis sp.*	*Limnocalanus macrurus*	75	5
87022	87079	2097	*Liparis sp.*	*Limnocalanus macrurus*	5	2
87022	87079	2097	*Liparis sp.*	*Pseudocalanus minutus*	75	1
87022	87081	1981	*M. quadricornis*	*Limnocalanus macrurus*	76	1
87022	87081	1981	*M. quadricornis*	Order: Calanoida	5	1
87023	87084	1724	*A. medius*	*Limnocalanus macrurus*	74	1
87023	87084	1724	*A. medius*	*Pseudocalanus minutus*	76	16
87023	87084	1724	*A. medius*	*Pseudocalanus minutus*	83	202
87023	87084	1893	*B. saida*	Class: Polychaeta	38	3
87023	87084	1893	*B. saida*	Family: Hemiuridae	58	1
87023	87084	1893	*B. saida*	Order: Calanoida	78	10
87023	87084	1893	*B. saida*	*Pseudocalanus minutus*	72	2
87023	87084	1893	*B. saida*	*Pseudocalanus minutus*	73	1
87023	87084	1894	*B. saida*	*Oikopleura vanhoeffeni*	0	1
87023	87084	1894	*B. saida*	*Pseudocalanus minutus*	83	144
87023	87084	1894	*B. saida*	*Pseudocalanus minutus*	76	16
87023	87084	2076	*L. fabricii*	Family: Hemiuridae	58	3
87023	87084	2076	*L. fabricii*	*Pseudocalanus minutus*	75	1

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87023	87084	2076	*L. fabricii*	*Pseudocalanus minutus*	76	1
87023	87084	2077	*L. fabricii*	*Jaschnovia (=Derjuginia) tolli*	74	1
87023	87084	2077	*L. fabricii*	*Limnocalanus macrurus*	74	1
87023	87084	2077	*L. fabricii*	*Metridia longa*	77	1
87023	87085	2111	*Liparis sp.*	*Limnocalanus macrurus*	76	3
87023	87085	2111	*Liparis sp.*	*Limnocalanus macrurus*	77	4
87023	87086	1728	*A. medius*	Family: Hemiuridae	58	2
87023	87086	1728	*A. medius*	*Limnocalanus macrurus*	5	2
87023	87086	1728	*A. medius*	*Limnocalanus macrurus*	77	2
87023	87086	1728	*A. medius*	*Limnocalanus macrurus*	75	7
87023	87086	1728	*A. medius*	*Limnocalanus macrurus*	76	1
87023	87086	1729	*A. medius*	*Jaschnovia (=Derjuginia) tolli*	74	1
87023	87086	1729	*A. medius*	*Limnocalanus macrurus*	77	1
87023	87086	1729	*A. medius*	*Pseudocalanus minutus*	76	19
87023	87086	1729	*A. medius*	*Pseudocalanus minutus*	83	125
87023	87086	1730	*A. medius*	*Limnocalanus macrurus*	77	3
87023	87086	1730	*A. medius*	Order: Calanoida	5	1
87023	87086	1730	*A. medius*	*Pseudocalanus minutus*	76	2
87023	87086	1730	*A. medius*	*Pseudocalanus minutus*	83	14
87023	87086	2033	*Icelus sp.*	*Pseudocalanus minutus*	76	7
87023	87086	2033	*Icelus sp.*	*Pseudocalanus minutus*	83	120
87023	87086	2034	*Icelus sp.*	*Limnocalanus macrurus*	76	1
87023	87086	2034	*Icelus sp.*	*Metridia longa*	76	1
87023	87086	2034	*Icelus sp.*	Order: Calanoida	5	1
87023	87086	2035	*Icelus sp.*	Family: Hemiuridae	58	4
87023	87086	2035	*Icelus sp.*	*Limnocalanus macrurus*	5	1
87023	87086	2035	*Icelus sp.*	*Limnocalanus macrurus*	77	1
87023	87086	2035	*Icelus sp.*	*Pseudocalanus minutus*	76	2
87023	87086	2036	*Icelus sp.*	*Pseudocalanus minutus*	76	14
87023	87086	2036	*Icelus sp.*	*Pseudocalanus minutus*	83	170
87023	87086	2037	*Icelus sp.*	Family: Hemiuridae	58	1
87023	87086	2037	*Icelus sp.*	*Limnocalanus macrurus*	5	3
87023	87086	2037	*Icelus sp.*	*Limnocalanus macrurus*	76	2
87023	87086	2037	*Icelus sp.*	*Pseudocalanus minutus*	83	43
87023	87086	2037	*Icelus sp.*	*Pseudocalanus minutus*	76	1
87023	87086	2038	*Icelus sp.*	*Limnocalanus macrurus*	76	2
87023	87086	2038	*Icelus sp.*	Order: Calanoida	5	2
87023	87086	2039	*Icelus sp.*	*Metridia longa*	76	1
87023	87086	2039	*Icelus sp.*	*Pseudocalanus minutus*	76	1
87023	87087	1787	*A. medius*	*Pseudocalanus minutus*	76	9
87023	87087	1787	*A. medius*	*Pseudocalanus minutus*	83	123
87023	87087	1788	*A. medius*	*Limnocalanus macrurus*	77	1
87023	87087	1788	*A. medius*	*Limnocalanus macrurus*	5	5
87023	87087	1788	*A. medius*	*Limnocalanus macrurus*	76	1
87023	87089	1980	*M. quadricornis*	Family: Hemiuridae	58	1
87023	87089	1980	*M. quadricornis*	*Limnocalanus macrurus*	75	1
87023	87089	1980	*M. quadricornis*	*Limnocalanus macrurus*	76	1
87023	87089	1980	*M. quadricornis*	Order: Calanoida	5	2
87023	87089	1980	*M. quadricornis*	*Pseudocalanus minutus*	71	1
87023	87089	1980	*M. quadricornis*	*Pseudocalanus minutus*	72	2
87023	87089	1980	*M. quadricornis*	*Pseudocalanus minutus*	73	1
87024	87093	1751	*A. medius*	*Limnocalanus macrurus*	5	1
87024	87093	1751	*A. medius*	*Limnocalanus macrurus*	75	2
87024	87093	1751	*A. medius*	*Limnocalanus macrurus*	77	1
87024	87093	1751	*A. medius*	*Pseudocalanus minutus*	76	5
87024	87093	1751	*A. medius*	*Pseudocalanus minutus*	83	64
87024	87093	1751	*A. medius*	*Pseudocalanus minutus*	75	1
87024	87093	1751	*A. medius*	*Pseudocalanus minutus*	72	1
87024	87093	1752	*A. medius*	*Pseudocalanus minutus*	83	85
87024	87093	1752	*A. medius*	*Pseudocalanus minutus*	76	6
87024	87093	1753	*A. medius*	Family: Hemiuridae	58	2
87024	87093	1753	*A. medius*	*Limnocalanus macrurus*	5	2

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87024	87093	1753	*A. medius*	*Limnocalanus macrurus*	75	4
87024	87093	1753	*A. medius*	*Limnocalanus macrurus*	76	2
87024	87093	1753	*A. medius*	*Limnocalanus macrurus*	77	2
87024	87093	1754	*A. medius*	*Calanus glacialis*	72	1
87024	87093	1754	*A. medius*	*Pseudocalanus minutus*	83	112
87024	87093	1754	*A. medius*	*Pseudocalanus minutus*	76	11
87024	87093	1755	*A. medius*	*Limnocalanus macrurus*	77	1
87024	87093	1755	*A. medius*	*Limnocalanus macrurus*	76	1
87024	87093	1755	*A. medius*	*Limnocalanus macrurus*	75	6
87024	87093	1755	*A. medius*	*Limnocalanus macrurus*	5	7
87024	87093	1755	*A. medius*	*Pseudocalanus minutus*	76	1
87024	87093	1756	*A. medius*	*Limnocalanus macrurus*	5	6
87024	87093	1756	*A. medius*	*Limnocalanus macrurus*	75	2
87024	87093	1756	*A. medius*	*Limnocalanus macrurus*	76	1
87024	87093	1756	*A. medius*	*Limnocalanus macrurus*	77	1
87024	87093	1757	*A. medius*	*Limnocalanus macrurus*	5	5
87024	87093	1757	*A. medius*	*Limnocalanus macrurus*	75	8
87024	87093	1757	*A. medius*	*Limnocalanus macrurus*	77	2
87024	87093	1892	*B. saida*	*Limnocalanus macrurus*	76	4
87024	87093	1892	*B. saida*	*Pseudocalanus minutus*	76	15
87024	87093	1892	*B. saida*	*Pseudocalanus minutus*	83	150
87024	87093	1998	*Icelus sp.*	Class: Bivalvia	32	1
87024	87093	1998	*Icelus sp.*	*Metridia longa*	76	1
87024	87093	1998	*Icelus sp.*	*Pseudocalanus minutus*	76	7
87024	87093	1998	*Icelus sp.*	*Pseudocalanus minutus*	83	127
87024	87093	1999	*Icelus sp.*	Family: Hemiuridae	58	2
87024	87093	1999	*Icelus sp.*	*Pseudocalanus minutus*	76	17
87024	87093	1999	*Icelus sp.*	*Pseudocalanus minutus*	83	427
87024	87094	2078	*L. fabricii*	*Metridia longa*	75	1
87024	87094	2078	*L. fabricii*	*Metridia longa*	76	1
87024	87094	2104	*Liparis sp.*	*Limacina helicina*	32	8
87024	87094	2104	*Liparis sp.*	*Limnocalanus macrurus*	76	1
87024	87094	2104	*Liparis sp.*	Order: Calanoida	83	1
87024	87095	2012	*Icelus sp.*	*Pseudocalanus minutus*	76	12
87024	87095	2012	*Icelus sp.*	*Pseudocalanus minutus*	83	297
87024	87095	2013	*Icelus sp.*	Family: Hemiuridae	58	4
87024	87095	2013	*Icelus sp.*	*Metridia longa*	76	1
87024	87095	2013	*Icelus sp.*	*Pseudocalanus minutus*	76	29
87024	87095	2013	*Icelus sp.*	*Pseudocalanus minutus*	83	640
87024	87095	2014	*Icelus sp.*	Family: Hemiuridae	58	1
87024	87095	2014	*Icelus sp.*	*Metridia longa*	77	1
87024	87095	2014	*Icelus sp.*	*Pseudocalanus minutus*	76	3
87024	87095	2014	*Icelus sp.*	*Pseudocalanus minutus*	83	80
87024	87095	2015	*Icelus sp.*	*Pseudocalanus minutus*	83	480
87024	87095	2015	*Icelus sp.*	*Pseudocalanus minutus*	76	24
87024	87095	2116	*Liparis sp.*	Family: Hemiuridae	58	5
87024	87095	2116	*Liparis sp.*	*Limacina helicina*	32	14
87024	87095	2116	*Liparis sp.*	*Metridia longa*	76	2
87025	87100	2108	*Liparis sp.*	*Metridia longa*	75	1
87025	87100	2108	*Liparis sp.*	*Metridia longa*	76	1
87025	87100	2109	*Liparis sp.*	*Metridia longa*	76	3
87025	87101	1712	*A. medius*	*Limnocalanus macrurus*	74	4
87025	87101	1712	*A. medius*	Order: Calanoida	79	5
87025	87101	1712	*A. medius*	Order: Calanoida	80	1
87025	87101	1712	*A. medius*	Order: Calanoida	5	5
87025	87101	1712	*A. medius*	Order: Calanoida	78	2
87025	87101	1713	*A. medius*	Family: Hemiuridae	58	1
87025	87101	1713	*A. medius*	*Pseudocalanus minutus*	76	13
87025	87101	1713	*A. medius*	*Pseudocalanus minutus*	83	201
87025	87101	1714	*A. medius*	*Oncaea borealis*	81	1
87025	87101	1714	*A. medius*	Order: Calanoida	5	2
87025	87101	1714	*A. medius*	*Pseudocalanus minutus*	76	6

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87025	87101	1714	*A. medius*	*Pseudocalanus minutus*	83	31
87025	87101	1715	*A. medius*	*Limnocalanus macrurus*	74	1
87025	87101	1715	*A. medius*	*Oithona similis*	82	1
87025	87101	1715	*A. medius*	Order: Calanoida	79	4
87025	87101	1715	*A. medius*	*Pseudocalanus minutus*	73	2
87025	87101	1715	*A. medius*	*Pseudocalanus minutus*	83	72
87025	87101	1715	*A. medius*	*Pseudocalanus minutus*	74	1
87025	87101	1715	*A. medius*	*Pseudocalanus minutus*	72	2
87025	87101	1715	*A. medius*	*Pseudocalanus minutus*	76	6
87025	87101	1716	*A. medius*	*Pseudocalanus minutus*	76	6
87025	87101	1716	*A. medius*	*Pseudocalanus minutus*	83	65
87025	87101	1717	*A. medius*	*Limnocalanus macrurus*	75	1
87025	87101	1717	*A. medius*	Order: Calanoida	79	1
87025	87101	1717	*A. medius*	*Pseudocalanus minutus*	76	48
87025	87101	1717	*A. medius*	*Pseudocalanus minutus*	83	4
87025	87101	1718	*A. medius*	*Pseudocalanus minutus*	83	12
87025	87101	1718	*A. medius*	*Pseudocalanus minutus*	72	1
87025	87101	1718	*A. medius*	*Pseudocalanus minutus*	76	5
87025	87101	1719	*A. medius*	*Limnocalanus macrurus*	75	3
87025	87101	1719	*A. medius*	*Limnocalanus macrurus*	5	2
87025	87101	1719	*A. medius*	Order: Calanoida	79	1
87025	87101	1719	*A. medius*	*Pseudocalanus minutus*	72	2
87025	87101	1719	*A. medius*	*Pseudocalanus minutus*	73	1
87025	87101	1719	*A. medius*	*Pseudocalanus minutus*	76	6
87025	87101	1719	*A. medius*	*Pseudocalanus minutus*	83	60
87025	87101	1720	*A. medius*	Family: Hemiuridae	58	2
87025	87101	1720	*A. medius*	*Pseudocalanus minutus*	76	18
87025	87101	1720	*A. medius*	*Pseudocalanus minutus*	83	342
87025	87101	2110	*Liparis sp.*	*Microcalanus pygmaeus*	73	1
87025	87101	2110	*Liparis sp.*	*Microcalanus pygmaeus*	77	2
87025	87101	2110	*Liparis sp.*	*Microcalanus pygmaeus*	76	5
87025	87101	2110	*Liparis sp.*	*Microcalanus pygmaeus*	74	1
87025	87101	2110	*Liparis sp.*	*Microcalanus pygmaeus*	75	14
87025	87101	2110	*Liparis sp.*	*Oikopleura vanhoeffeni*	38	1
87025	87101	2110	*Liparis sp.*	*Oncaea borealis*	76	1
87025	87101	2110	*Liparis sp.*	*Oncaea borealis*	77	1
87025	87101	2110	*Liparis sp.*	*Oncaea borealis*	81	2
87025	87102	2026	*Icelus sp.*	Class: Polychaeta	38	2
87025	87102	2026	*Icelus sp.*	*Metridia longa*	76	1
87025	87102	2026	*Icelus sp.*	*Pseudocalanus minutus*	83	75
87025	87102	2026	*Icelus sp.*	*Pseudocalanus minutus*	76	6
87025	87102	2027	*Icelus sp.*	Family: Hemiuridae	58	2
87025	87102	2027	*Icelus sp.*	*Pelegobia sp.*	0	1
87025	87102	2027	*Icelus sp.*	*Pseudocalanus minutus*	76	11
87025	87102	2027	*Icelus sp.*	*Pseudocalanus minutus*	83	195
87025	87102	2028	*Icelus sp.*	Family: Hemiuridae	58	2
87025	87102	2028	*Icelus sp.*	*Metridia longa*	75	1
87025	87102	2028	*Icelus sp.*	*Metridia longa*	76	1
87025	87102	2029	*Icelus sp.*	Class: Polychaeta	38	1
87025	87102	2029	*Icelus sp.*	*Pseudocalanus minutus*	76	12
87025	87102	2029	*Icelus sp.*	*Pseudocalanus minutus*	83	270
87025	87102	2030	*Icelus sp.*	*Metridia longa*	77	1
87025	87102	2030	*Icelus sp.*	*Metridia longa*	76	1
87025	87102	2031	*Icelus sp.*	*Pseudocalanus minutus*	76	18
87025	87102	2031	*Icelus sp.*	*Pseudocalanus minutus*	83	360
87025	87102	2032	*Icelus sp.*	*Metridia longa*	76	1
87025	87102	2032	*Icelus sp.*	*Metridia longa*	77	2
87025	87102	2032	*Icelus sp.*	Order: Calanoida	5	1
87025	87102	2032	*Icelus sp.*	*Pseudocalanus minutus*	76	1
87025	87102	2032	*Icelus sp.*	*Pseudocalanus minutus*	83	3
87025	87102	2119	*Liparis sp.*	Class: Polychaeta	32	1
87025	87102	2119	*Liparis sp.*	Family: Hemiuridae	58	3

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87025	87102	2119	*Liparis sp.*	*Metridia longa*	76	1
87025	87102	2120	*Liparis sp.*	Class: Cirripedia	35	12
87025	87102	2120	*Liparis sp.*	*Metridia longa*	77	1
87025	87102	2120	*Liparis sp.*	*Metridia longa*	76	1
87025	87102	2120	*Liparis sp.*	*Metridia longa*	75	1
87025	87102	2121	*Liparis sp.*	*Metridia longa*	77	2
87025	87102	2121	*Liparis sp.*	*Metridia longa*	76	2
87025	87102	2121	*Liparis sp.*	*Oikopleura vanhoeffeni*	0	1
87025	87103	1880	*B. saida*	*Oikopleura vanhoeffeni*	38	2
87025	87103	1880	*B. saida*	*Oithona similis*	76	2
87025	87103	1880	*B. saida*	*Oithona similis*	82	4
87025	87103	1880	*B. saida*	*Oithona similis*	83	17
87025	87103	1880	*B. saida*	Order: Calanoida	79	1
87025	87103	1880	*B. saida*	*Pseudocalanus minutus*	71	1
87025	87103	1881	*B. saida*	*Calanus glacialis*	75	1
87025	87103	1881	*B. saida*	*Calanus glacialis*	73	1
87025	87103	1881	*B. saida*	*Limnocalanus macrurus*	77	1
87025	87103	1881	*B. saida*	*Oikopleura vanhoeffeni*	38	1
87025	87103	1881	*B. saida*	*Oithona similis*	81	1
87025	87103	1881	*B. saida*	*Oncaea borealis*	81	1
87025	87103	1881	*B. saida*	*Pseudocalanus minutus*	5	2
87025	87103	1881	*B. saida*	*Pseudocalanus minutus*	72	1
87025	87103	1881	*B. saida*	*Pseudocalanus minutus*	76	1
87025	87103	1881	*B. saida*	*Calanus glacialis*	75	1
87025	87103	1882	*B. saida*	*Calanus sp.*	5	1
87025	87103	1882	*B. saida*	Family: Hemiuridae	58	3
87025	87103	1882	*B. saida*	*Jaschnovia (=Derjuginia) tolli*	74	2
87025	87103	1882	*B. saida*	*Jaschnovia (=Derjuginia) tolli*	73	2
87025	87103	1882	*B. saida*	*Metridia longa*	76	1
87025	87103	1882	*B. saida*	*Pseudocalanus minutus*	75	1
87025	87103	1882	*B. saida*	*Pseudocalanus minutus*	77	1
87025	87103	1882	*B. saida*	*Pseudocalanus minutus*	76	9
87025	87103	1882	*B. saida*	*Metridia longa*	76	1
87025	87103	2074	*L. fabricii*	Class: Polychaeta	32	1
87025	87103	2117	*Liparis sp.*	*Limnocalanus macrurus*	5	2
87025	87105	1985	*M. quadricornis*	*Limnocalanus macrurus*	76	1
87025	87105	1985	*M. quadricornis*	*Calanus glacialis*	73	1
87026	87108	1886	*B. saida*	Family: Hemiuridae	58	1
87026	87108	1886	*B. saida*	*Microcalanus pygmaeus*	74	1
87026	87108	1886	*B. saida*	*Pseudocalanus minutus*	76	1
87026	87108	1886	*B. saida*	*Metridia longa*	77	1
87026	87108	2041	*Icelus sp.*	*Pseudocalanus minutus*	73	1
87026	87109	1771	*A. medius*	*Pseudocalanus minutus*	74	1
87026	87109	1771	*A. medius*	*Pseudocalanus minutus*	76	5
87026	87109	1772	*A. medius*	*Pseudocalanus minutus*	83	45
87026	87109	1772	*A. medius*	*Pseudocalanus minutus*	76	1
87026	87109	1773	*A. medius*	*Pseudocalanus minutus*	83	36
87026	87109	1773	*A. medius*	*Pseudocalanus minutus*	76	1
87026	87109	1774	*A. medius*	*Pseudocalanus minutus*	83	24
87026	87109	1774	*A. medius*	*Pseudocalanus minutus*	73	2
87026	87109	1775	*A. medius*	*Pseudocalanus minutus*	73	3
87026	87109	1776	*A. medius*	*Pseudocalanus minutus*	76	3
87026	87109	1776	*A. medius*	*Pseudocalanus minutus*	73	1
87026	87109	1777	*A. medius*	*Pseudocalanus minutus*	76	2
87026	87109	1777	*A. medius*	*Pseudocalanus minutus*	83	18
87026	87109	1777	*A. medius*	*Pseudocalanus minutus*	73	1
87026	87109	1826	*O. mordax*	*Metridia longa*	76	1
87026	87110	2018	*Icelus sp.*	*Pseudocalanus minutus*	76	2
87026	87110	2018	*Icelus sp.*	Family: Hemiuridae	58	3
87026	87111	1879	*B. saida*	*Microcalanus pygmaeus*	75	1
87026	87111	1879	*B. saida*	*Pseudocalanus minutus*	83	10
87026	87111	1879	*B. saida*	*Pseudocalanus minutus*	72	2
87026	87111	1879	*B. saida*			

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87026	87111	1879	*B. saida*	*Pseudocalanus minutus*	73	2
87026	87111	1879	*B. saida*	*Pseudocalanus minutus*	75	2
87026	87111	1879	*B. saida*	*Pseudocalanus minutus*	76	2
87026	87111	2096	*L. tunicatus*	*Metridia longa*	77	1
87026	87112	1975	*M. quadricornis*	Eggs	83	12
87014	87121	1972	*E. gracilis*	Order: Calanoida	5	1
87014	87123	1811	*O. mordax*	*Acartia clausi*	75	2
87014	87123	1811	*O. mordax*	*Acartia clausi*	76	5
87014	87123	1811	*O. mordax*	*Eurytemora raboti*	77	1
87014	87123	1811	*O. mordax*	*Limnocalanus macrurus*	75	1
87014	87123	1811	*O. mordax*	Order: Calanoida	5	2
87014	87123	1811	*O. mordax*	*Pseudocalanus minutus*	74	1
87014	87123	1812	*O. mordax*	*Acartia clausi*	77	3
87014	87123	1812	*O. mordax*	*Acartia clausi*	74	1
87014	87123	1812	*O. mordax*	*Acartia clausi*	75	5
87014	87123	1812	*O. mordax*	*Acartia clausi*	76	11
87014	87123	1812	*O. mordax*	*Eurytemora raboti*	77	1
87014	87123	1812	*O. mordax*	*Eurytemora raboti*	76	1
87014	87123	1813	*O. mordax*	Order: Calanoida	5	1
87014	87123	1814	*O. mordax*	*Acartia clausi*	75	1
87014	87123	1814	*O. mordax*	*Acartia clausi*	76	2
87014	87123	1814	*O. mordax*	*Acartia clausi*	77	3
87014	87123	1814	*O. mordax*	Order: Calanoida	5	9
87014	87123	1814	*O. mordax*	*Pseudocalanus minutus*	73	1
87014	87123	1814	*O. mordax*	*Pseudocalanus minutus*	75	1
87014	87123	1814	*O. mordax*	*Acartia clausi*	76	21
87014	87123	1815	*O. mordax*	*Acartia clausi*	77	2
87014	87123	1815	*O. mordax*	*Acartia clausi*	75	3
87014	87123	1815	*O. mordax*	*Acartia clausi*	74	2
87014	87123	1815	*O. mordax*	*Eurytemora raboti*	77	1
87014	87123	1815	*O. mordax*	Order: Calanoida	5	7
87014	87123	1815	*O. mordax*	Order: Calanoida	5	5
87028	87146	1842	*C. harengus pallasi*	Order: Calanoida	79	2
87028	87146	1842	*C. harengus pallasi*	Order: Calanoida	78	1
87028	87146	1843	*C. harengus pallasi*	*Pseudocalanus minutus*	71	2
87028	87146	1843	*C. harengus pallasi*	*Pseudocalanus minutus*	72	1
87028	87146	1843	*C. harengus pallasi*	Order: Calanoida	5	2
87028	87147	1836	*C. harengus pallasi*	Order: Calanoida	79	1
87028	87147	1836	*C. harengus pallasi*	Oncaea borealis	76	1
87028	87147	1976	*M. quadricornis*	Order: Calanoida	79	1
87028	87147	1976	*M. quadricornis*	Order: Calanoida	5	6
87028	87147	1976	*M. quadricornis*	*Pseudocalanus minutus*	83	19
87028	87147	1976	*M. quadricornis*	*Pseudocalanus minutus*	76	2
87028	87147	1976	*M. quadricornis*	*Pseudocalanus minutus*	5	2
87029	87158	1760	*A. medius*	*Pseudocalanus minutus*	72	1
87029	87158	1760	*A. medius*	*Pseudocalanus minutus*	75	1
87029	87164	1721	*A. medius*	*Calanus glacialis*	71	1
87029	87164	1721	*A. medius*	*Oithona similis*	76	1
87029	87164	1721	*A. medius*	Order: Calanoida	5	3
87029	87164	1721	*A. medius*	Order: Calanoida	80	8
87029	87164	1721	*A. medius*	Order: Calanoida	78	1
87029	87164	1721	*A. medius*	Order: Calanoida	79	14
87029	87164	1721	*A. medius*	*Pseudocalanus minutus*	75	2
87029	87164	1721	*A. medius*	*Pseudocalanus minutus*	74	1
87029	87164	1721	*A. medius*	*Microcalanus pygmaeus*	75	1
87030	87175	1936	*E. gracilis*	*Pseudocalanus minutus*	5	1
87030	87175	1936	*E. gracilis*	*Pseudocalanus minutus*	76	1
87030	87175	1936	*E. gracilis*	*Pseudocalanus minutus*	83	35
87030	87175	1936	*E. gracilis*	Family: Hemiuridae	56	1
87030	87175	1937	*E. gracilis*	*Oithona similis*	76	1
87030	87175	1937	*E. gracilis*	*Pseudocalanus minutus*	76	4
87030	87175	1937	*E. gracilis*	*Pseudocalanus minutus*	77	2

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87030	87175	1937	*E. gracilis*	*Pseudocalanus minutus*	74	3
87030	87175	1937	*E. gracilis*	*Pseudocalanus minutus*	83	30
87030	87175	1937	*E. gracilis*	*Pseudocalanus minutus*	75	6
87030	87175	1938	*E. gracilis*	*Pseudocalanus minutus*	73	1
87030	87175	1938	*E. gracilis*	*Pseudocalanus minutus*	74	7
87030	87175	1938	*E. gracilis*	*Pseudocalanus minutus*	75	1
87030	87175	1938	*E. gracilis*	*Pseudocalanus minutus*	76	5
87030	87175	1938	*E. gracilis*	*Pseudocalanus minutus*	77	1
87030	87175	1938	*E. gracilis*	*Pseudocalanus minutus*	83	96
87030	87175	2099	*Liparis sp.*	*Limnocalanus macrurus*	76	1
87030	87175	2099	*Liparis sp.*	*Pseudocalanus minutus*	76	4
87030	87175	2099	*Liparis sp.*	*Pseudocalanus minutus*	83	40
87030	87175	2099	*Liparis sp.*	*Pseudocalanus minutus*	75	1
87030	87175	2100	*Liparis sp.*	*Calanus sp.*	5	1
87030	87175	2100	*Liparis sp.*	Class: Polychaeta	38	3
87030	87175	2100	*Liparis sp.*	*Oncaea borealis*	76	1
87030	87175	2100	*Liparis sp.*	Order: Calanoida	5	2
87030	87175	2100	*Liparis sp.*	*Pseudocalanus minutus*	76	1
87031	87187	1839	*C. harengus pallasi*	Subphylum Crustacea	5	1
87031	87189	1817	*O. mordax*	*Pseudocalanus minutus*	76	1
87031	87189	1817	*O. mordax*	*Pseudocalanus minutus*	5	10
87031	87189	1817	*O. mordax*	*Pseudocalanus minutus*	72	2
87031	87189	1817	*O. mordax*	*Pseudocalanus minutus*	73	4
87031	87189	1817	*O. mordax*	*Pseudocalanus minutus*	74	4
87031	87189	1817	*O. mordax*	*Pseudocalanus minutus*	75	8
87031	87193	1838	*C. harengus pallasi*	Subphylum Crustacea	5	1
87032	87195	1708	*A. medius*	*Calanus glacialis*	71	4
87032	87195	1708	*A. medius*	Class: Bivalvia	32	1
87032	87195	1708	*A. medius*	Order: Calanoida	79	12
87032	87195	1708	*A. medius*	Order: Calanoida	80	2
87032	87195	1708	*A. medius*	*Pseudocalanus minutus*	74	4
87032	87195	1708	*A. medius*	*Pseudocalanus minutus*	75	4
87032	87195	1708	*A. medius*	*Pseudocalanus minutus*	76	2
87032	87195	1708	*A. medius*	*Pseudocalanus minutus*	83	20
87032	87195	1708	*A. medius*	*Pseudocalanus minutus*	5	6
87032	87195	1708	*A. medius*	*Pseudocalanus minutus*	72	6
87032	87195	1708	*A. medius*	*Pseudocalanus minutus*	73	7
87032	87195	1709	*A. medius*	*Calanus glacialis*	71	1
87032	87195	1709	*A. medius*	*Pseudocalanus minutus*	83	27
87032	87195	1709	*A. medius*	*Pseudocalanus minutus*	76	3
87032	87195	1709	*A. medius*	*Pseudocalanus minutus*	75	1
87032	87195	1709	*A. medius*	*Pseudocalanus minutus*	74	2
87032	87195	1709	*A. medius*	*Pseudocalanus minutus*	73	4
87032	87195	1709	*A. medius*	*Pseudocalanus minutus*	72	1
87032	87196	1739	*A. medius*	Order: Cyclopoida	79	1
87032	87196	1739	*A. medius*	*Pseudocalanus minutus*	74	1
87032	87196	1739	*A. medius*	*Pseudocalanus minutus*	76	2
87032	87196	1739	*A. medius*	*Pseudocalanus minutus*	72	5
87032	87196	1739	*A. medius*	*Pseudocalanus minutus*	71	1
87032	87196	1739	*A. medius*	*Pseudocalanus minutus*	73	7
87032	87196	1740	*A. medius*	*Pseudocalanus minutus*	71	2
87032	87196	1740	*A. medius*	*Pseudocalanus minutus*	72	1
87032	87196	1740	*A. medius*	*Pseudocalanus minutus*	73	1
87032	87196	1740	*A. medius*	*Pseudocalanus minutus*	74	1
87032	87196	1740	*A. medius*	*Pseudocalanus minutus*	75	3
87032	87196	1740	*A. medius*	*Pseudocalanus minutus*	76	19
87032	87196	1740	*A. medius*	*Pseudocalanus minutus*	77	1
87032	87196	1740	*A. medius*	*Pseudocalanus minutus*	83	265
87032	87197	1703	*A. medius*	*Pseudocalanus minutus*	76	1
87032	87197	1703	*A. medius*	*Pseudocalanus minutus*	77	1
87032	87197	1748	*A. medius*	*Pseudocalanus minutus*	73	3
87032	87197	1748	*A. medius*	*Pseudocalanus minutus*	74	2

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87032	87197	1748	*A. medius*	*Pseudocalanus minutus*	75	3
87032	87197	1748	*A. medius*	*Pseudocalanus minutus*	76	9
87032	87197	1748	*A. medius*	*Pseudocalanus minutus*	77	1
87032	87197	1748	*A. medius*	*Pseudocalanus minutus*	83	116
87032	87197	1748	*A. medius*	*Pseudocalanus minutus*	5	7
87032	87206	1986	*M. quadricornis*	*Calanus glacialis*	73	3
87032	87206	1986	*M. quadricornis*	*Calanus glacialis*	71	3
87032	87206	1986	*M. quadricornis*	*Calanus glacialis*	72	1
87032	87206	1986	*M. quadricornis*	Class: Bivalvia	32	1
87032	87206	1986	*M. quadricornis*	*Oncaea borealis*	83	16
87032	87206	1986	*M. quadricornis*	*Oncaea borealis*	77	1
87032	87206	1986	*M. quadricornis*	*Oncaea borealis*	76	4
87032	87206	1986	*M. quadricornis*	Order: Calanoida	80	2
87032	87206	1986	*M. quadricornis*	Order: Calanoida	79	2
87032	87206	1986	*M. quadricornis*	*Podon leuckarti*	0	1
87032	87206	1986	*M. quadricornis*	*Pseudocalanus minutus*	75	1
87032	87206	1986	*M. quadricornis*	*Pseudocalanus minutus*	76	2
87032	87206	1986	*M. quadricornis*	*Pseudocalanus minutus*	74	1
87032	87206	1986	*M. quadricornis*	*Pseudocalanus minutus*	73	5
87032	87206	1986	*M. quadricornis*	*Pseudocalanus minutus*	72	7
87032	87206	1986	*M. quadricornis*	*Pseudocalanus minutus*	71	4
87033	87207	1853	*C. harengus pallasi*	Order: Calanoida	79	3
87033	87207	1853	*C. harengus pallasi*	Order: Calanoida	5	2
87033	87210	1765	*A. medius*	*Pseudocalanus minutus*	72	1
87033	87210	1765	*A. medius*	*Pseudocalanus minutus*	73	2
87033	87210	1765	*A. medius*	*Pseudocalanus minutus*	74	4
87033	87210	1765	*A. medius*	*Pseudocalanus minutus*	77	1
87033	87210	1766	*A. medius*	Family: Hemiuridae	58	1
87033	87210	1766	*A. medius*	*Pseudocalanus minutus*	75	1
87033	87210	1766	*A. medius*	*Pseudocalanus minutus*	76	1
87033	87210	1766	*A. medius*	*Pseudocalanus minutus*	73	1
87033	87210	1766	*A. medius*	*Pseudocalanus minutus*	72	1
87033	87210	1766	*A. medius*	*Pseudocalanus minutus*	83	14
87033	87210	1766	*A. medius*	*Pseudocalanus minutus*	74	1
87033	87210	1768	*A. medius*	Family: Hemiuridae	58	1
87033	87210	1768	*A. medius*	*Pseudocalanus minutus*	72	1
87033	87210	1768	*A. medius*	*Pseudocalanus minutus*	73	1
87033	87210	1768	*A. medius*	*Pseudocalanus minutus*	74	2
87033	87210	1768	*A. medius*	*Pseudocalanus minutus*	76	1
87033	87210	1769	*A. medius*	*Oncaea borealis*	76	1
87033	87210	1769	*A. medius*	Order: Calanoida	5	4
87033	87210	1769	*A. medius*	*Pseudocalanus minutus*	77	2
87033	87210	1769	*A. medius*	*Pseudocalanus minutus*	74	1
87033	87210	1769	*A. medius*	*Scolecithricella minor*	76	25
87033	87210	1770	*A. medius*	*Oncaea borealis*	81	1
87033	87210	1770	*A. medius*	Order: Calanoida	5	3
87034	87221	1706	*M. quadricornis*	*Metridia longa*	76	1
87034	87221	1910	*B. saida*	*Calanus glacialis*	71	1
87034	87221	1910	*B. saida*	*Oikopleura vanhoeffeni*	38	2
87034	87221	1910	*B. saida*	Order: Calanoida	79	2
87034	87221	1910	*B. saida*	Order: Calanoida	80	2
87034	87221	1911	*B. saida*	*Oithona similis*	76	1
87034	87221	1911	*B. saida*	Order: Calanoida	79	1
87034	87221	1911	*B. saida*	Order: Calanoida	80	1
87034	87221	1911	*B. saida*	*Pseudocalanus minutus*	74	15
87034	87221	1911	*B. saida*	*Pseudocalanus minutus*	75	9
87034	87221	1911	*B. saida*	*Pseudocalanus minutus*	76	2
87034	87221	1911	*B. saida*	*Pseudocalanus minutus*	77	6
87034	87221	1911	*B. saida*	*Pseudocalanus minutus*	72	1
87034	87221	1911	*B. saida*	*Pseudocalanus minutus*	71	1
87034	87221	1911	*B. saida*	*Pseudocalanus minutus*	83	9
87034	87221	1911	*B. saida*	*Pseudocalanus minutus*	73	5

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87034	87221	1912	*B. saida*	*Calanus glacialis*	71	2
87034	87221	1912	*B. saida*	*Calanus glacialis*	72	2
87034	87221	1912	*B. saida*	*Oikopleura vanhoeffeni*	38	2
87034	87221	1912	*B. saida*	Order: Calanoida	79	1
87034	87221	1912	*B. saida*	Order: Cyclopoida	79	1
87034	87221	1913	*B. saida*	*Calanus glacialis*	73	1
87034	87221	1913	*B. saida*	*Class: Polychaeta*	38	1
87034	87221	1913	*B. saida*	*Oikopleura vanhoeffeni*	38	2
87034	87221	1913	*B. saida*	*Oncaea borealis*	81	1
87034	87221	1913	*B. saida*	Order: Calanoida	78	1
87034	87221	1913	*B. saida*	*Pseudocalanus minutus*	75	1
87034	87221	1914	*B. saida*	*Calanus glacialis*	71	1
87034	87221	1914	*B. saida*	*Calanus glacialis*	72	3
87034	87221	1914	*B. saida*	*Oikopleura vanhoeffeni*	38	3
87034	87221	1914	*B. saida*	Order: Calanoida	79	2
87034	87221	1914	*B. saida*	Order: Calanoida	80	1
87034	87221	1915	*B. saida*	*Calanus glacialis*	73	2
87034	87221	1915	*B. saida*	*Calanus glacialis*	72	1
87034	87221	1915	*B. saida*	*Calanus glacialis*	71	1
87034	87221	1915	*B. saida*	*Oikopleura vanhoeffeni*	38	2
87034	87221	1915	*B. saida*	*Oncaea borealis*	77	7
87034	87221	1915	*B. saida*	*Oncaea borealis*	76	9
87034	87221	1915	*B. saida*	Order: Calanoida	79	3
87034	87221	1915	*B. saida*	Order: Calanoida	80	1
87034	87221	1915	*B. saida*	*Pseudocalanus minutus*	73	5
87034	87221	1915	*B. saida*	*Pseudocalanus minutus*	74	6
87034	87221	1915	*B. saida*	*Pseudocalanus minutus*	75	16
87034	87221	1915	*B. saida*	*Pseudocalanus minutus*	76	1
87034	87221	1915	*B. saida*	*Pseudocalanus minutus*	77	4
87034	87221	1916	*B. saida*	*Calanus glacialis*	72	3
87034	87221	1916	*B. saida*	*Calanus glacialis*	73	1
87034	87221	1916	*B. saida*	*Calanus glacialis*	71	6
87034	87221	1916	*B. saida*	*Calanus glacialis*	74	1
87034	87221	1916	*B. saida*	*Oikopleura vanhoeffeni*	38	5
87034	87221	1916	*B. saida*	*Oncaea borealis*	76	13
87034	87221	1916	*B. saida*	*Oncaea borealis*	77	6
87034	87221	1916	*B. saida*	*Oncaea borealis*	81	2
87034	87221	1916	*B. saida*	*Oncaea borealis*	83	32
87034	87221	1916	*B. saida*	Order: Calanoida	79	2
87034	87221	1916	*B. saida*	Order: Calanoida	80	1
87034	87221	1917	*B. saida*	*Calanus glacialis*	72	1
87034	87221	1917	*B. saida*	*Calanus glacialis*	73	1
87034	87221	1917	*B. saida*	*Oikopleura vanhoeffeni*	38	3
87034	87221	1918	*B. saida*	*Calanus glacialis*	72	2
87034	87221	1918	*B. saida*	Class: Polychaeta	32	2
87034	87221	1918	*B. saida*	*Oikopleura vanhoeffeni*	0	4
87034	87221	1918	*B. saida*	Order: Calanoida	79	1
87034	87221	2112	*Liparis sp.*	Class: Polychaeta	32	26
87034	87221	2112	*Liparis sp.*	*Coscinodiscus sp.*	0	1
87034	87221	2112	*Liparis sp.*	*Limacina helicina*	32	6
87034	87221	2112	*Liparis sp.*	*Oncaea borealis*	76	92
87034	87221	2112	*Liparis sp.*	*Oncaea borealis*	77	57
87034	87221	2112	*Liparis sp.*	*Oncaea borealis*	81	16
87034	87221	2113	*Liparis sp.*	*Calanus glacialis*	72	1
87034	87221	2113	*Liparis sp.*	*Mertensia ovum*	38	2
87034	87222	1749	*A. medius*	*Calanus glacialis*	71	7
87034	87222	1749	*A. medius*	*Calanus glacialis*	72	3
87034	87222	1749	*A. medius*	*Order: Calanoida*	79	6
87034	87222	1749	*A. medius*	*Pseudocalanus minutus*	73	1
87034	87222	1750	*A. medius*	*Oncaea borealis*	81	2
87034	87222	1750	*A. medius*	*Pseudocalanus minutus*	5	1
87034	87222	2115	*Liparis sp.*	*Calanus glacialis*	76	1

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87034	87222	2115	*Liparis sp.*	*Calanus sp.*	5	1
87034	87222	2115	*Liparis sp.*	*Oikopleura vanhoeffeni*	0	5
87034	87224	1704	*A. medius*	*Calanus glacialis*	71	14
87034	87224	1704	*A. medius*	*Calanus glacialis*	72	6
87034	87224	1704	*A. medius*	*Calanus glacialis*	73	2
87034	87224	1704	*A. medius*	Order: Calanoida	79	15
87034	87224	1704	*A. medius*	Order: Calanoida	80	19
87034	87224	1704	*A. medius*	*Pseudocalanus minutus*	73	2
87034	87224	1704	*A. medius*	*Pseudocalanus minutus*	75	1
87034	87224	1704	*A. medius*	*Pseudocalanus minutus*	74	2
87034	87224	1705	*A. medius*	*Calanus glacialis*	71	9
87034	87224	1705	*A. medius*	*Calanus glacialis*	72	4
87034	87224	1705	*A. medius*	*Calanus glacialis*	73	1
87034	87224	1705	*A. medius*	Order: Calanoida	79	2
87034	87224	1705	*A. medius*	Order: Calanoida	80	8
87034	87224	1705	*A. medius*	*Pseudocalanus minutus*	73	2
87034	87224	1705	*A. medius*	*Pseudocalanus minutus*	74	1
87034	87224	1995	*Icelus sp.*	Class: Polychaeta	38	1
87035	87231	1782	*A. medius*	*Calanus glacialis*	72	2
87035	87231	1782	*A. medius*	*Calanus glacialis*	73	3
87035	87231	1782	*A. medius*	*Calanus glacialis*	71	6
87035	87231	1782	*A. medius*	Order: Calanoida	79	4
87035	87231	1782	*A. medius*	Order: Calanoida	5	8
87035	87231	2020	*Icelus sp.*	Class: Polychaeta	38	1
87035	87231	2020	*Icelus sp.*	*Oncaea borealis*	76	1
87035	87231	2020	*Icelus sp.*	*Oncaea borealis*	83	8
87035	87231	2020	*Icelus sp.*	Order: Calanoida	5	1
87035	87231	2021	*Icelus sp.*	*Oncaea borealis*	76	3
87035	87231	2021	*Icelus sp.*	*Oncaea borealis*	77	1
87035	87231	2021	*Icelus sp.*	Order: Calanoida	5	1
87035	87231	2021	*Icelus sp.*	*Pelegobia sp.*	0	1
87035	87231	2022	*Icelus sp.*	*Metridia longa*	76	1
87035	87231	2022	*Icelus sp.*	*Oncaea borealis*	76	5
87035	87231	2022	*Icelus sp.*	*Oncaea borealis*	77	5
87035	87231	2022	*Icelus sp.*	*Pseudocalanus minutus*	83	12
87035	87231	2022	*Icelus sp.*	*Pseudocalanus minutus*	76	2
87035	87231	2045	*G. tricuspis*	*Metridia longa*	76	1
87035	87231	2045	*G. tricuspis*	*Oikopleura vanhoeffeni*	0	1
87035	87231	2045	*G. tricuspis*	*Oikopleura vanhoeffeni*	38	15
87035	87231	2046	*G. tricuspis*	*Clione limacina*	0	1
87035	87231	2047	*G. tricuspis*	Class: Polychaeta	32	150
87035	87231	2047	*G. tricuspis*	Order: Calanoida	5	1
87035	87232	1785	*A. medius*	*Calanus glacialis*	73	2
87035	87232	1785	*A. medius*	*Calanus glacialis*	71	8
87035	87232	1785	*A. medius*	*Calanus glacialis*	72	3
87035	87232	1785	*A. medius*	*Limnocalanus macrurus*	75	1
87035	87232	1785	*A. medius*	*Oithona similis*	82	1
87035	87232	1785	*A. medius*	*Oithona similis*	76	1
87035	87232	1785	*A. medius*	Order: Calanoida	79	8
87035	87232	1785	*A. medius*	Order: Calanoida	80	7
87035	87232	1785	*A. medius*	*Pseudocalanus minutus*	74	1
87035	87232	1785	*A. medius*	*Pseudocalanus minutus*	76	1
87035	87232	1786	*A. medius*	*Calanus glacialis*	71	13
87035	87232	1786	*A. medius*	*Calanus glacialis*	72	3
87035	87232	1786	*A. medius*	*Oithona similis*	76	1
87035	87232	1786	*A. medius*	Order: Calanoida	80	1
87035	87232	1786	*A. medius*	Order: Calanoida	5	16
87035	87232	1786	*A. medius*	Order: Calanoida	79	3
87035	87232	1786	*A. medius*	*Pseudocalanus minutus*	73	1
87035	87232	1874	*B. saida*	*Calanus glacialis*	71	2
87035	87232	1874	*B. saida*	*Calanus glacialis*	72	1
87035	87232	1874	*B. saida*	Order: Calanoida	79	3

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87035	87232	1874	*B. saida*	Order: Calanoida	5	2
87035	87232	1874	*B. saida*	*Pseudocalanus minutus*	71	1
87035	87232	1874	*B. saida*	*Pseudocalanus minutus*	72	10
87035	87232	1874	*B. saida*	*Pseudocalanus minutus*	73	4
87035	87232	1874	*B. saida*	*Pseudocalanus minutus*	74	4
87035	87232	1874	*B. saida*	*Pseudocalanus minutus*	75	1
87035	87232	1876	*B. saida*	*Calanus glacialis*	73	4
87035	87232	1876	*B. saida*	*Calanus glacialis*	71	5
87035	87232	1876	*B. saida*	*Calanus glacialis*	72	17
87035	87232	1876	*B. saida*	*Oikopleura vanhoeffeni*	0	1
87035	87232	1876	*B. saida*	*Oithona similis*	76	2
87035	87232	1876	*B. saida*	*Oithona similis*	77	1
87035	87232	1876	*B. saida*	*Oithona similis*	82	2
87035	87232	1876	*B. saida*	*Oncaea borealis*	76	4
87035	87232	1876	*B. saida*	*Oncaea borealis*	77	2
87035	87232	1876	*B. saida*	Order: Calanoida	79	2
87035	87232	1876	*B. saida*	Order: Calanoida	80	2
87035	87232	1876	*B. saida*	*Pseudocalanus minutus*	75	6
87035	87232	1876	*B. saida*	*Pseudocalanus minutus*	73	6
87035	87232	1876	*B. saida*	*Pseudocalanus minutus*	74	9
87035	87232	1876	*B. saida*	*Pseudocalanus minutus*	76	1
87035	87232	1877	*B. saida*	*Calanus glacialis*	72	13
87035	87232	1877	*B. saida*	*Calanus glacialis*	73	2
87035	87232	1877	*B. saida*	*Calanus glacialis*	71	11
87035	87232	1877	*B. saida*	*Calanus hyperboreus*	74	1
87035	87232	1877	*B. saida*	Class: Bivalvia	32	1
87035	87232	1877	*B. saida*	*Limacina helicina*	32	1
87035	87232	1877	*B. saida*	*Limacina helicina*	0	1
87035	87232	1877	*B. saida*	*Metridia longa*	74	1
87035	87232	1877	*B. saida*	*Oikopleura vanhoeffeni*	0	2
87035	87232	1877	*B. saida*	*Oithona similis*	83	25
87035	87232	1877	*B. saida*	*Oithona similis*	82	11
87035	87232	1877	*B. saida*	*Oithona similis*	76	18
87035	87232	1877	*B. saida*	*Oncaea borealis*	76	25
87035	87232	1877	*B. saida*	*Oncaea borealis*	77	18
87035	87232	1877	*B. saida*	*Oncaea borealis*	81	9
87035	87232	1877	*B. saida*	Order: Calanoida	79	4
87035	87232	1877	*B. saida*	Order: Calanoida	80	2
87035	87232	1877	*B. saida*	*Pseudocalanus minutus*	75	3
87035	87232	1877	*B. saida*	*Pseudocalanus minutus*	76	4
87035	87232	1877	*B. saida*	*Pseudocalanus minutus*	83	6
87035	87232	1877	*B. saida*	*Pseudocalanus minutus*	74	17
87035	87232	1877	*B. saida*	*Pseudocalanus minutus*	73	23
87035	87232	1878	*B. saida*	*Calanus glacialis*	74	1
87035	87232	1878	*B. saida*	*Calanus glacialis*	72	2
87035	87232	1878	*B. saida*	*Calanus glacialis*	73	5
87035	87232	1878	*B. saida*	*Oikopleura vanhoeffeni*	0	1
87035	87232	1878	*B. saida*	*Oncaea borealis*	77	1
87035	87232	1878	*B. saida*	*Oncaea borealis*	81	2
87035	87232	2019	*Icelus sp.*	Class: Polychaeta	32	2
87035	87232	2019	*Icelus sp.*	*Metridia longa*	76	2
87035	87232	2019	*Icelus sp.*	*Oncaea borealis*	76	14
87035	87232	2019	*Icelus sp.*	*Oncaea borealis*	77	9
87035	87232	2019	*Icelus sp.*	*Pseudocalanus minutus*	83	7
87035	87232	2019	*Icelus sp.*	*Pseudocalanus minutus*	5	1
87035	87232	2019	*Icelus sp.*	*Pseudocalanus minutus*	76	1
87036	87241	1900	*B. saida*	*Calanus glacialis*	73	1
87036	87241	1900	*B. saida*	*Calanus glacialis*	72	12
87036	87241	1900	*B. saida*	*Calanus glacialis*	71	28
87036	87241	1900	*B. saida*	Family: Hemiuridae	58	2
87036	87241	1900	*B. saida*	*Oithona similis*	76	3
87036	87241	1900	*B. saida*	*Oithona similis*	82	3

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87036	87241	1900	*B. saida*	*Oithona similis*	83	10
87036	87241	1900	*B. saida*	*Oncaea borealis*	76	2
87036	87241	1900	*B. saida*	*Oncaea borealis*	77	4
87036	87241	1900	*B. saida*	*Oncaea borealis*	81	3
87036	87241	1900	*B. saida*	Order: Calanoida	79	13
87036	87241	1900	*B. saida*	Order: Calanoida	80	14
87036	87241	1900	*B. saida*	*Pseudocalanus minutus*	75	4
87036	87241	1900	*B. saida*	*Pseudocalanus minutus*	73	10
87036	87241	1900	*B. saida*	*Pseudocalanus minutus*	83	18
87036	87241	1900	*B. saida*	*Pseudocalanus minutus*	74	4
87036	87241	1900	*B. saida*	*Pseudocalanus minutus*	76	3
87036	87241	1901	*B. saida*	*Calanus glacialis*	71	8
87036	87241	1901	*B. saida*	*Calanus glacialis*	72	9
87036	87241	1901	*B. saida*	Class: Bivalvia	32	264
87036	87241	1901	*B. saida*	Order: Calanoida	80	1
87036	87241	1901	*B. saida*	Order: Calanoida	79	4
87036	87241	1901	*B. saida*	Order: Calanoida	78	1
87036	87241	1901	*B. saida*	*Pseudocalanus minutus*	76	1
87036	87241	1901	*B. saida*	*Pseudocalanus minutus*	72	1
87036	87241	1901	*B. saida*	*Pseudocalanus minutus*	73	2
87036	87241	1901	*B. saida*	*Pseudocalanus minutus*	83	27
87036	87241	1902	*B. saida*	*Calanus glacialis*	74	1
87036	87241	1902	*B. saida*	*Calanus glacialis*	71	14
87036	87241	1902	*B. saida*	*Calanus glacialis*	72	16
87036	87241	1902	*B. saida*	*Calanus glacialis*	73	7
87036	87241	1902	*B. saida*	*Oithona similis*	76	5
87036	87241	1902	*B. saida*	*Oithona similis*	82	2
87036	87241	1902	*B. saida*	*Oncaea borealis*	76	5
87036	87241	1902	*B. saida*	*Oncaea borealis*	77	3
87036	87241	1902	*B. saida*	*Oikopleura vanhoeffeni*	0	2
87036	87241	1902	*B. saida*	Order: Calanoida	80	5
87036	87241	1902	*B. saida*	Order: Calanoida	79	3
87036	87241	1902	*B. saida*	*Pseudocalanus minutus*	83	23
87036	87241	1902	*B. saida*	*Pseudocalanus minutus*	74	6
87036	87241	1902	*B. saida*	*Pseudocalanus minutus*	75	7
87036	87241	1902	*B. saida*	*Pseudocalanus minutus*	73	21
87036	87241	1902	*B. saida*	*Pseudocalanus minutus*	77	3
87036	87241	1902	*B. saida*	*Pseudocalanus minutus*	76	3
87036	87241	1903	*B. saida*	*Calanus glacialis*	71	6
87036	87241	1903	*B. saida*	*Calanus glacialis*	72	10
87036	87241	1903	*B. saida*	*Calanus glacialis*	73	6
87036	87241	1903	*B. saida*	*Calanus glacialis*	75	1
87036	87241	1903	*B. saida*	*Calanus hyperboreus*	74	1
87036	87241	1903	*B. saida*	*Oithona similis*	82	1
87036	87241	1903	*B. saida*	*Oncaea borealis*	77	1
87036	87241	1903	*B. saida*	Order: Calanoida	80	2
87036	87241	1903	*B. saida*	Order: Calanoida	79	1
87036	87241	1903	*B. saida*	*Pseudocalanus minutus*	83	21
87036	87241	1903	*B. saida*	*Pseudocalanus minutus*	76	2
87036	87241	1903	*B. saida*	*Pseudocalanus minutus*	75	3
87036	87241	1903	*B. saida*	*Pseudocalanus minutus*	74	5
87036	87241	1903	*B. saida*	*Pseudocalanus minutus*	72	1
87036	87241	1903	*B. saida*	*Pseudocalanus minutus*	73	6
87036	87242	1897	*B. saida*	*Calanus glacialis*	71	3
87036	87242	1897	*B. saida*	Class: Bivalvia	32	2
87036	87242	1897	*B. saida*	*Oithona similis*	82	6
87036	87242	1897	*B. saida*	*Oithona similis*	76	11
87036	87242	1897	*B. saida*	*Oithona similis*	83	80
87036	87242	1897	*B. saida*	*Oncaea borealis*	77	4
87036	87242	1897	*B. saida*	*Oncaea borealis*	81	8
87036	87242	1897	*B. saida*	*Oncaea borealis*	76	1
87036	87242	1897	*B. saida*	Order: Calanoida	79	19

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87036	87242	1897	*B. saida*	Order: Calanoida	80	6
87036	87242	1897	*B. saida*	*Pseudocalanus minutus*	71	11
87036	87242	1897	*B. saida*	*Pseudocalanus minutus*	72	10
87036	87242	1897	*B. saida*	*Pseudocalanus minutus*	73	3
87036	87242	1898	*B. saida*	*Oikopleura vanhoeffeni*	38	4
87036	87242	1898	*B. saida*	*Oithona similis*	77	4
87036	87242	1898	*B. saida*	*Oithona similis*	83	117
87036	87242	1898	*B. saida*	*Oithona similis*	81	3
87036	87242	1898	*B. saida*	*Oithona similis*	76	17
87036	87242	1898	*B. saida*	*Oithona similis*	82	22
87036	87242	1898	*B. saida*	*Oncaea borealis*	81	1
87036	87242	1898	*B. saida*	Order: Calanoida	78	1
87036	87242	1898	*B. saida*	Order: Calanoida	79	26
87036	87242	1898	*B. saida*	Order: Calanoida	80	3
87036	87242	1898	*B. saida*	*Pseudocalanus minutus*	71	4
87036	87242	1898	*B. saida*	*Pseudocalanus minutus*	72	3
87036	87242	1898	*B. saida*	*Pseudocalanus minutus*	73	1
87036	87242	1899	*B. saida*	*Calanus glacialis*	71	1
87036	87242	1899	*B. saida*	Class: Bivalvia	32	8
87036	87242	1899	*B. saida*	Class: Polychaeta	32	6
87036	87242	1899	*B. saida*	*Limacina helicina*	32	6
87036	87242	1899	*B. saida*	*Oikopleura vanhoeffeni*	38	1
87036	87242	1899	*B. saida*	*Oithona similis*	77	1
87036	87242	1899	*B. saida*	*Oithona similis*	76	5
87036	87242	1899	*B. saida*	*Oithona similis*	82	14
87036	87242	1899	*B. saida*	*Oithona similis*	81	12
87036	87242	1899	*B. saida*	*Oncaea borealis*	81	18
87036	87242	1899	*B. saida*	*Oncaea borealis*	77	4
87036	87242	1899	*B. saida*	Order: Calanoida	79	7
87036	87242	1899	*B. saida*	Order: Calanoida	80	2
87036	87242	1899	*B. saida*	*Pseudocalanus minutus*	73	1
87036	87242	1899	*B. saida*	*Pseudocalanus minutus*	71	3
87036	87242	1899	*B. saida*	*Pseudocalanus minutus*	72	2
87060	87264	2114	*Liparis sp.*	*Microcalanus pygmaeus*	76	3
87060	87264	2114	*Liparis sp.*	*Microcalanus pygmaeus*	75	1
87060	87264	2114	*Liparis sp.*	*Pseudocalanus minutus*	76	1
87060	87264	2114	*Liparis sp.*	*Pseudocalanus minutus*	74	1
87060	87264	2114	*Liparis sp.*	*Pseudocalanus minutus*	73	2
87060	87264	2114	*Liparis sp.*	*Pseudocalanus minutus*	72	4
87060	87265	1851	*C. harengus pallasi*	Order: Calanoida	5	2
87060	87265	1852	*C. harengus pallasi*	Order: Calanoida	5	2
87060	87267	1725	*A. medius*	Class: Polychaeta	38	1
87060	87267	1725	*A. medius*	Class: Polychaeta	32	2
87060	87267	1725	*A. medius*	Family: Hemiuridae	58	1
87060	87267	1725	*A. medius*	*Pseudocalanus minutus*	72	11
87060	87267	1725	*A. medius*	*Pseudocalanus minutus*	73	8
87060	87267	1725	*A. medius*	*Pseudocalanus minutus*	74	1
87060	87267	1725	*A. medius*	*Pseudocalanus minutus*	76	2
87060	87267	1725	*A. medius*	*Pseudocalanus minutus*	83	20
87060	87267	1725	*A. medius*	*Pseudocalanus minutus*	71	4
87060	87267	1726	*A. medius*	Class: Polychaeta	32	2
87060	87267	1726	*A. medius*	Class: Polychaeta	38	2
87060	87267	1726	*A. medius*	Family: Hemiuridae	58	1
87060	87267	1726	*A. medius*	*Pseudocalanus minutus*	72	8
87060	87267	1726	*A. medius*	*Pseudocalanus minutus*	71	2
87060	87267	1727	*A. medius*	*Pseudocalanus minutus*	74	1
87060	87267	1727	*A. medius*	*Pseudocalanus minutus*	72	10
87060	87267	1727	*A. medius*	*Pseudocalanus minutus*	73	22
87060	87267	2048	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	73	1
87060	87267	2048	*G. tricuspis*	Order: Harpacticoida	76	3
87060	87267	2048	*G. tricuspis*	*Pseudocalanus minutus*	75	1
87060	87267	2048	*G. tricuspis*	*Pseudocalanus minutus*	76	2

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87060	87267	2049	*G. tricuspis*	*Microsetella rosea*	76	1
87060	87267	2049	*G. tricuspis*	*Pseudocalanus minutus*	76	1
87060	87267	2050	*G. tricuspis*	*Pseudocalanus minutus*	5	3
87060	87267	2050	*G. tricuspis*	*Pseudocalanus minutus*	76	1
87060	87267	2051	*G. tricuspis*	Class: Polychaeta	38	1
87060	87267	2052	*G. tricuspis*	*Pseudocalanus minutus*	76	1
87060	87267	2053	*G. tricuspis*	*Paroediceros propinquus*	0	1
87060	87267	2053	*G. tricuspis*	*Pseudocalanus minutus*	76	6
87060	87267	2054	*G. tricuspis*	Class: Polychaeta	38	1
87060	87267	2054	*G. tricuspis*	*Pseudocalanus minutus*	75	2
87060	87267	2054	*G. tricuspis*	*Pseudocalanus minutus*	76	7
87060	87267	2054	*G. tricuspis*	*Pseudocalanus minutus*	77	1
87060	87267	2055	*G. tricuspis*	*Acartia longiremis*	76	3
87060	87267	2055	*G. tricuspis*	*Hyperiidae sp.*	5	2
87060	87267	2055	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	74	3
87060	87267	2055	*G. tricuspis*	Order: Harpacticoida	76	3
87060	87267	2055	*G. tricuspis*	*Pseudocalanus minutus*	77	8
87060	87267	2055	*G. tricuspis*	*Pseudocalanus minutus*	76	76
87060	87267	2055	*G. tricuspis*	*Pseudocalanus minutus*	75	5
87060	87267	2056	*G. tricuspis*	Class: Cirripedia	35	1
87060	87267	2056	*G. tricuspis*	Class: Polychaeta	32	2
87060	87267	2056	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	74	5
87060	87267	2056	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	75	4
87060	87267	2056	*G. tricuspis*	*Limacina helicina*	0	1
87060	87267	2056	*G. tricuspis*	*Metridia longa*	76	1
87060	87267	2056	*G. tricuspis*	*Parathemisto abyssorum*	0	1
87060	87267	2056	*G. tricuspis*	*Paroediceros propinquus*	0	1
87060	87267	2056	*G. tricuspis*	*Pseudocalanus minutus*	75	3
87060	87267	2056	*G. tricuspis*	*Pseudocalanus minutus*	76	65
87060	87267	2056	*G. tricuspis*	*Pseudocalanus minutus*	77	8
87060	87267	2057	*G. tricuspis*	Class: Polychaeta	38	32
87060	87267	2057	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	74	2
87060	87267	2057	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	75	1
87060	87267	2057	*G. tricuspis*	*Metridia longa*	76	1
87060	87267	2057	*G. tricuspis*	*Microsetella rosea*	77	1
87060	87267	2057	*G. tricuspis*	*Pseudocalanus minutus*	75	10
87060	87267	2057	*G. tricuspis*	*Pseudocalanus minutus*	76	161
87060	87267	2057	*G. tricuspis*	*Pseudocalanus minutus*	77	16
87060	87267	2058	*G. tricuspis*	*Apherusa glacialis*	0	1
87060	87267	2058	*G. tricuspis*	Class: Polychaeta	16	1
87060	87267	2058	*G. tricuspis*	*Coscinodiscus sp.*	0	1
87060	87267	2058	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	75	3
87060	87267	2058	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	74	2
87060	87267	2058	*G. tricuspis*	*Pseudocalanus minutus*	74	1
87060	87267	2058	*G. tricuspis*	*Pseudocalanus minutus*	77	1
87060	87267	2058	*G. tricuspis*	*Pseudocalanus minutus*	75	3
87060	87267	2058	*G. tricuspis*	*Pseudocalanus minutus*	73	1
87060	87267	2058	*G. tricuspis*	*Pseudocalanus minutus*	76	71
87060	87267	2122	*Liparis sp.*	*Apherusa glacialis*	0	1
87060	87267	2122	*Liparis sp.*	*Jaschnovia (=Derjuginia) tolli*	75	1
87060	87267	2122	*Liparis sp.*	*Metridia longa*	77	1
87060	87267	2122	*Liparis sp.*	*Pseudocalanus minutus*	74	1
87060	87267	2122	*Liparis sp.*	*Pseudocalanus minutus*	76	3
87060	87268	1982	*M. quadricornis*	*Oncaea borealis*	76	2
87060	87268	1982	*M. quadricornis*	*Oncaea borealis*	83	32
87060	87268	1982	*M. quadricornis*	Order: Calanoida	5	4
87060	87268	1982	*M. quadricornis*	*Podon leuckarti*	0	8
87060	87268	1982	*M. quadricornis*	*Pseudocalanus minutus*	73	3
87060	87268	1982	*M. quadricornis*	*Pseudocalanus minutus*	74	3
87060	87268	1982	*M. quadricornis*	*Pseudocalanus minutus*	71	1
87061	87272	1711	*A. medius*	*Pseudocalanus minutus*	73	1
87061	87272	1711	*A. medius*	*Pseudocalanus minutus*	75	5

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87061	87272	1711	*A. medius*	*Pseudocalanus minutus*	76	1
87061	87272	1711	*A. medius*	*Pseudocalanus minutus*	77	1
87061	87272	2042	*G. tricuspis*	Class: Polychaeta	38	1
87061	87272	2042	*G. tricuspis*	Family: Hemiuridae	58	1
87061	87272	2043	*Artediellus sp.*	*Limnocalanus macrurus*	77	10
87061	87272	2043	*Artediellus sp.*	*Limnocalanus macrurus*	75	1
87061	87272	2043	*Artediellus sp.*	*Limnocalanus macrurus*	76	19
87061	87272	2043	*Artediellus sp.*	*Metridia longa*	76	1
87061	87272	2043	*Artediellus sp.*	*Pseudocalanus minutus*	76	2
87061	87272	2105	*Liparis sp.*	Order: Calanoida	5	1
87061	87272	2105	*Liparis sp.*	*Pseudocalanus minutus*	76	6
87061	87272	2105	*Liparis sp.*	*Pseudocalanus minutus*	83	85
87061	87272	2106	*Liparis sp.*	Class: Cirripedia	32	2
87061	87272	2106	*Liparis sp.*	Class: Polychaeta	38	1
87061	87272	2106	*Liparis sp.*	Family: Hemiuridae	58	2
87061	87272	2106	*Liparis sp.*	*Metridia longa*	75	1
87061	87272	2106	*Liparis sp.*	Order: Calanoida	5	10
87061	87272	2106	*Liparis sp.*	*Pseudocalanus minutus*	76	3
87061	87272	2106	*Liparis sp.*	*Pseudocalanus minutus*	75	3
87061	87272	2106	*Liparis sp.*	*Pseudocalanus minutus*	83	50
87061	87275	1707	*A. medius*	*Calanus glacialis*	73	2
87061	87275	1707	*A. medius*	*Pseudocalanus minutus*	74	2
87061	87275	1707	*A. medius*	*Pseudocalanus minutus*	75	5
87061	87275	1707	*A. medius*	*Pseudocalanus minutus*	76	3
87061	87275	1707	*A. medius*	*Pseudocalanus minutus*	83	12
87061	87275	1891	*B. saida*	*Calanus glacialis*	73	6
87061	87275	1891	*B. saida*	*Calanus glacialis*	74	3
87061	87275	1891	*B. saida*	*Microcalanus pygmaeus*	76	1
87061	87275	1891	*B. saida*	*Pseudocalanus minutus*	73	1
87061	87275	1891	*B. saida*	*Pseudocalanus minutus*	83	48
87061	87275	1891	*B. saida*	*Pseudocalanus minutus*	77	2
87061	87275	1891	*B. saida*	*Pseudocalanus minutus*	76	19
87061	87275	1891	*B. saida*	*Pseudocalanus minutus*	74	2
87061	87275	1891	*B. saida*	*Pseudocalanus minutus*	75	5
87062	87279	2107	*Liparis sp.*	*Oncaea borealis*	77	1
87062	87280	1920	*B. saida*	*Calanus glacialis*	73	2
87062	87280	1920	*B. saida*	*Fritillaria borealis*	0	2
87062	87280	1920	*B. saida*	*Oithona similis*	76	1
87062	87280	1920	*B. saida*	Order: Calanoida	5	1
87062	87280	1920	*B. saida*	Order: Calanoida	83	2
87062	87280	1921	*B. saida*	*Calanus glacialis*	73	2
87062	87280	1921	*B. saida*	*Calanus glacialis*	72	1
87062	87280	1921	*B. saida*	*Calanus glacialis*	71	1
87062	87280	1921	*B. saida*	*Calanus glacialis*	74	1
87062	87280	1921	*B. saida*	*Microcalanus pygmaeus*	75	1
87062	87280	1921	*B. saida*	*Microcalanus pygmaeus*	76	1
87062	87280	1921	*B. saida*	*Oikopleura vanhoeffeni*	0	1
87062	87280	1921	*B. saida*	*Oncaea borealis*	81	1
87062	87280	1922	*B. saida*	*Oikopleura vanhoeffeni*	0	2
87062	87280	1922	*B. saida*	*Oithona similis*	77	1
87062	87280	1922	*B. saida*	*Oncaea borealis*	76	1
87062	87280	1922	*B. saida*	Order: Calanoida	79	1
87062	87280	1923	*B. saida*	*Calanus glacialis*	74	3
87062	87280	1923	*B. saida*	*Calanus glacialis*	73	3
87062	87280	1923	*B. saida*	*Jaschnovia (=Derjuginia) tolli*	75	1
87062	87280	1923	*B. saida*	*Jaschnovia (=Derjuginia) tolli*	74	1
87062	87280	1923	*B. saida*	*Jaschnovia (=Derjuginia) tolli*	73	2
87062	87280	1923	*B. saida*	*Microcalanus pygmaeus*	75	1
87062	87280	1923	*B. saida*	*Oikopleura vanhoeffeni*	0	2
87062	87280	1923	*B. saida*	*Oncaea borealis*	76	1
87062	87280	1923	*B. saida*	*Pseudocalanus minutus*	74	5
87062	87280	1923	*B. saida*	*Pseudocalanus minutus*	75	7

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87062	87280	1923	*B. saida*	*Pseudocalanus minutus*	76	11
87062	87280	1923	*B. saida*	*Pseudocalanus minutus*	77	1
87062	87280	1923	*B. saida*	*Pseudocalanus minutus*	83	54
87062	87280	1923	*B. saida*	*Pseudocalanus minutus*	73	1
87062	87280	1924	*B. saida*	*Calanus glacialis*	75	1
87062	87280	1924	*B. saida*	*Calanus glacialis*	74	1
87062	87280	1924	*B. saida*	*Calanus glacialis*	73	1
87062	87280	1924	*B. saida*	*Calanus hyperboreus*	74	1
87062	87280	1925	*B. saida*	*Calanus glacialis*	72	1
87062	87280	1925	*B. saida*	*Oikopleura vanhoeffeni*	0	2
87062	87280	1925	*B. saida*	*Oikopleura vanhoeffeni*	38	2
87062	87280	1925	*B. saida*	Order: Calanoida	78	2
87062	87280	1925	*B. saida*	Order: Calanoida	79	2
87062	87280	1925	*B. saida*	Order: Calanoida	83	1
87063	87287	1884	*B. saida*	*Calanus glacialis*	72	1
87063	87287	1884	*B. saida*	*Calanus glacialis*	73	2
87063	87287	1884	*B. saida*	*Oikopleura vanhoeffeni*	38	1
87063	87287	1884	*B. saida*	*Oithona similis*	76	6
87063	87287	1884	*B. saida*	*Oithona similis*	83	80
87063	87287	1884	*B. saida*	*Oithona similis*	77	1
87063	87287	1884	*B. saida*	*Oithona similis*	82	1
87063	87287	1884	*B. saida*	*Oncaea borealis*	77	1
87063	87287	1884	*B. saida*	*Oncaea borealis*	81	1
87063	87287	1884	*B. saida*	Order: Calanoida	5	8
87063	87287	1884	*B. saida*	Order: Calanoida	79	3
87063	87287	1884	*B. saida*	Order: Calanoida	80	1
87063	87287	1884	*B. saida*	Order: Calanoida	83	1
87063	87287	1884	*B. saida*	*Pseudocalanus minutus*	83	5
87063	87287	1885	*B. saida*	*Calanus glacialis*	73	2
87063	87287	1885	*B. saida*	*Calanus glacialis*	74	1
87063	87287	1885	*B. saida*	*Calanus hyperboreus*	75	1
87063	87287	1885	*B. saida*	*Calanus hyperboreus*	74	1
87063	87287	1885	*B. saida*	*Limacina helicina*	0	2
87063	87287	1885	*B. saida*	*Oikopleura vanhoeffeni*	0	2
87063	87288	1926	*B. saida*	Family: Hemiuridae	58	1
87063	87288	1926	*B. saida*	*Oikopleura vanhoeffeni*	0	1
87063	87288	1926	*B. saida*	*Oithona similis*	76	1
87063	87288	1926	*B. saida*	*Oithona similis*	81	1
87063	87288	1926	*B. saida*	*Oithona similis*	82	1
87063	87288	1926	*B. saida*	*Oithona similis*	83	5
87063	87288	1926	*B. saida*	*Oncaea borealis*	81	1
87063	87288	1926	*B. saida*	Order: Calanoida	79	1
87063	87288	1926	*B. saida*	Order: Calanoida	80	3
87063	87288	1926	*B. saida*	*Pseudocalanus minutus*	71	1
87063	87288	1927	*B. saida*	*Calanus glacialis*	75	1
87063	87288	1927	*B. saida*	*Calanus hyperboreus*	75	1
87063	87288	1927	*B. saida*	*Calanus hyperboreus*	76	1
87063	87289	1887	*B. saida*	*Calanus glacialis*	71	2
87063	87289	1887	*B. saida*	*Oikopleura vanhoeffeni*	38	1
87063	87289	1887	*B. saida*	*Oithona similis*	83	154
87063	87289	1887	*B. saida*	*Oithona similis*	76	28
87063	87289	1887	*B. saida*	*Oithona similis*	82	17
87063	87289	1887	*B. saida*	*Oncaea borealis*	81	3
87063	87289	1887	*B. saida*	*Oncaea borealis*	77	3
87063	87289	1887	*B. saida*	*Oncaea borealis*	76	2
87063	87289	1887	*B. saida*	Order: Calanoida	78	5
87063	87289	1887	*B. saida*	Order: Calanoida	79	7
87063	87289	1887	*B. saida*	Order: Calanoida	80	4
87063	87289	1887	*B. saida*	Order: Calanoida	83	2
87063	87289	1888	*B. saida*	*Acartia clausi*	76	1
87063	87289	1888	*B. saida*	*Acartia clausi*	83	16
87063	87289	1888	*B. saida*	*Oithona similis*	83	5

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87063	87289	1888	*B. saida*	*Oithona similis*	76	8
87063	87289	1888	*B. saida*	*Oithona similis*	82	3
87063	87289	1888	*B. saida*	Order: Calanoida	5	12
87063	87289	1888	*B. saida*	*Pseudocalanus minutus*	74	1
87064	87294	1693	*A. medius*	*Calanus glacialis*	73	1
87064	87294	1693	*A. medius*	Family: Hemiuridae	58	1
87064	87294	1693	*A. medius*	*Pseudocalanus minutus*	74	2
87064	87294	1693	*A. medius*	*Pseudocalanus minutus*	76	1
87064	87294	1694	*A. medius*	*Pseudocalanus minutus*	73	1
87064	87294	1694	*A. medius*	*Pseudocalanus minutus*	74	3
87064	87294	1694	*A. medius*	*Pseudocalanus minutus*	75	1
87064	87294	1695	*A. medius*	*Pseudocalanus minutus*	83	8
87064	87294	1695	*A. medius*	*Pseudocalanus minutus*	76	9
87064	87294	1695	*A. medius*	*Pseudocalanus minutus*	73	4
87064	87294	1695	*A. medius*	*Pseudocalanus minutus*	74	7
87064	87294	1695	*A. medius*	*Pseudocalanus minutus*	75	6
87064	87294	1696	*A. medius*	*Calanus glacialis*	73	1
87064	87294	1696	*A. medius*	*Pseudocalanus minutus*	73	1
87064	87294	1696	*A. medius*	*Pseudocalanus minutus*	76	2
87064	87294	1697	*A. medius*	*Pseudocalanus minutus*	72	1
87064	87294	1697	*A. medius*	*Pseudocalanus minutus*	73	5
87064	87294	1697	*A. medius*	*Pseudocalanus minutus*	74	4
87064	87294	1697	*A. medius*	*Pseudocalanus minutus*	76	3
87064	87294	2088	*L. tunicatus*	*Apherusa glacialis*	0	4
87064	87294	2088	*L. tunicatus*	*Calanus glacialis*	75	1
87064	87294	2088	*L. tunicatus*	*Calanus glacialis*	76	2
87064	87294	2088	*L. tunicatus*	*Jaschnovia (=Derjuginia) tolli*	74	17
87064	87294	2088	*L. tunicatus*	*Jaschnovia (=Derjuginia) tolli*	75	19
87064	87294	2088	*L. tunicatus*	*Pseudocalanus minutus*	76	28
87064	87295	2066	*G. tricuspis*	*Apherusa glacialis*	0	1
87064	87295	2066	*G. tricuspis*	*Calanus glacialis*	75	1
87064	87295	2066	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	74	22
87064	87295	2066	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	75	31
87064	87295	2066	*G. tricuspis*	*Pseudocalanus minutus*	75	2
87064	87295	2066	*G. tricuspis*	*Pseudocalanus minutus*	76	23
87064	87295	2067	*G. tricuspis*	*Apherusa glacialis*	0	1
87064	87295	2067	*G. tricuspis*	*Calanus glacialis*	75	1
87064	87295	2067	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	74	13
87064	87295	2067	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	75	26
87064	87295	2067	*G. tricuspis*	*Pseudocalanus minutus*	75	6
87064	87295	2067	*G. tricuspis*	*Pseudocalanus minutus*	76	20
87064	87295	2067	*G. tricuspis*	*Pseudocalanus minutus*	77	2
87064	87295	2068	*G. tricuspis*	*Apherusa glacialis*	0	1
87064	87295	2068	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	74	21
87064	87295	2068	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	75	28
87064	87295	2068	*G. tricuspis*	*Pseudocalanus minutus*	76	14
87064	87295	2068	*G. tricuspis*	*Pseudocalanus minutus*	77	3
87064	87295	2069	*G. tricuspis*	*Calanus glacialis*	74	1
87064	87295	2069	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	73	1
87064	87295	2069	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	75	13
87064	87295	2069	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	74	31
87064	87295	2069	*G. tricuspis*	*Pseudocalanus minutus*	76	40
87064	87295	2069	*G. tricuspis*	*Pseudocalanus minutus*	75	1
87064	87295	2069	*G. tricuspis*	*Pseudocalanus minutus*	73	1
87064	87295	2069	*G. tricuspis*	*Pseudocalanus minutus*	77	3
87064	87295	2070	*G. tricuspis*	*Calanus glacialis*	74	1
87064	87295	2070	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	74	20
87064	87295	2070	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	75	34
87064	87295	2070	*G. tricuspis*	*Pseudocalanus minutus*	76	22
87064	87295	2070	*G. tricuspis*	*Pseudocalanus minutus*	77	1
87064	87295	2071	*G. tricuspis*	*Apherusa glacialis*	0	1
87064	87295	2071	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	74	15

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87064	87295	2071	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	75	17
87064	87295	2071	*G. tricuspis*	*Pseudocalanus minutus*	76	22
87064	87295	2071	*G. tricuspis*	*Pseudocalanus minutus*	77	1
87064	87295	2072	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	74	13
87064	87295	2072	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	75	9
87064	87295	2072	*G. tricuspis*	*Pseudocalanus minutus*	76	9
87064	87295	2089	*L. tunicatus*	*Apherusa glacialis*	0	22
87064	87295	2089	*L. tunicatus*	*Calanus glacialis*	75	2
87064	87295	2089	*L. tunicatus*	*Jaschnovia (=Derjuginia) tolli*	74	21
87064	87295	2089	*L. tunicatus*	*Jaschnovia (=Derjuginia) tolli*	75	28
87064	87295	2089	*L. tunicatus*	Order: Cumacea	0	1
87064	87295	2089	*L. tunicatus*	*Pseudocalanus minutus*	76	32
87064	87295	2089	*L. tunicatus*	*Pseudocalanus minutus*	75	1
87064	87295	2089	*L. tunicatus*	*Pseudocalanus minutus*	73	1
87064	87295	2089	*L. tunicatus*	*Pseudocalanus minutus*	77	4
87064	87296	1871	*B. saida*	*Euchaeta glacialis*	75	1
87064	87296	1871	*B. saida*	Family: Hemiuridae	58	5
87064	87296	1871	*B. saida*	*Metridia longa*	74	2
87064	87296	1871	*B. saida*	Order: Calanoida	5	40
87064	87296	1871	*B. saida*	*Pseudocalanus minutus*	76	28
87064	87296	1871	*B. saida*	*Pseudocalanus minutus*	83	60
87064	87296	1871	*B. saida*	*Pseudocalanus minutus*	77	8
87064	87296	1871	*B. saida*	*Pseudocalanus minutus*	74	19
87064	87296	1871	*B. saida*	*Pseudocalanus minutus*	75	9
87064	87296	1871	*B. saida*	*Pseudocalanus minutus*	73	7
87064	87296	1871	*B. saida*	*Pseudocalanus minutus*	72	6
87064	87296	1872	*B. saida*	*Calanus glacialis*	73	1
87064	87296	1872	*B. saida*	Class: Cirripedia	35	1
87064	87296	1872	*B. saida*	Class: Cirripedia	32	1
87064	87296	1872	*B. saida*	Family: Hemiuridae	58	4
87064	87296	1872	*B. saida*	*Jaschnovia (=Derjuginia) tolli*	74	1
87064	87296	1872	*B. saida*	*Oncaea borealis*	76	2
87064	87296	1872	*B. saida*	*Oncaea borealis*	83	10
87064	87296	1872	*B. saida*	Order: Calanoida	5	60
87064	87296	1872	*B. saida*	*Pseudocalanus minutus*	75	11
87064	87296	1872	*B. saida*	*Pseudocalanus minutus*	83	60
87064	87296	1872	*B. saida*	*Pseudocalanus minutus*	76	27
87064	87296	1872	*B. saida*	*Pseudocalanus minutus*	74	6
87064	87296	1872	*B. saida*	*Pseudocalanus minutus*	73	1
87064	87296	1872	*B. saida*	*Pseudocalanus minutus*	72	1
87064	87296	1872	*B. saida*	*Pseudocalanus minutus*	77	27
87064	87296	1873	*B. saida*	*Calanus hyperboreus*	76	1
87064	87296	1873	*B. saida*	*Calanus sp.*	5	2
87064	87296	1873	*B. saida*	*Limacina helicina*	0	1
87064	87296	1873	*B. saida*	Order: Calanoida	5	75
87064	87296	1873	*B. saida*	*Pseudocalanus minutus*	77	20
87064	87296	1873	*B. saida*	*Pseudocalanus minutus*	76	45
87064	87296	1873	*B. saida*	*Pseudocalanus minutus*	75	20
87064	87296	1873	*B. saida*	*Pseudocalanus minutus*	74	20
87064	87296	1873	*B. saida*	*Pseudocalanus minutus*	73	5
87064	87296	1873	*B. saida*	*Pseudocalanus minutus*	72	5
87064	87296	1873	*B. saida*	*Pseudocalanus minutus*	83	300
87064	87297	1698	*A. medius*	*Pseudocalanus minutus*	5	15
87064	87297	1699	*A. medius*	*Pseudocalanus minutus*	73	1
87064	87297	1699	*A. medius*	*Pseudocalanus minutus*	74	5
87064	87297	1699	*A. medius*	*Pseudocalanus minutus*	75	5
87064	87297	1699	*A. medius*	*Pseudocalanus minutus*	76	4
87064	87297	1699	*A. medius*	*Pseudocalanus minutus*	77	1
87064	87297	1700	*A. medius*	*Hyperiidae sp.*	38	1
87064	87297	1700	*A. medius*	*Pseudocalanus minutus*	76	5
87064	87297	1700	*A. medius*	*Pseudocalanus minutus*	74	1
87064	87297	1701	*A. medius*	*Pseudocalanus minutus*	74	2

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87064	87297	1701	*A. medius*	*Pseudocalanus minutus*	75	5
87064	87297	1701	*A. medius*	*Pseudocalanus minutus*	73	1
87064	87297	1702	*A. medius*	*Jaschnovia (=Derjuginia) tolli*	74	1
87064	87297	1702	*A. medius*	*Pseudocalanus minutus*	74	5
87064	87297	1702	*A. medius*	*Pseudocalanus minutus*	75	9
87064	87297	1702	*A. medius*	*Pseudocalanus minutus*	76	2
87064	87297	1702	*A. medius*	*Pseudocalanus minutus*	77	2
87064	87297	1928	*B. saida*	Family: Hemiuridae	58	1
87064	87297	1928	*B. saida*	*Jaschnovia (=Derjuginia) tolli*	75	1
87064	87297	1928	*B. saida*	*Jaschnovia (=Derjuginia) tolli*	74	1
87064	87297	1928	*B. saida*	*Oikopleura vanhoeffeni*	38	1
87064	87297	1928	*B. saida*	*Pseudocalanus minutus*	75	1
87064	87297	1928	*B. saida*	*Pseudocalanus minutus*	74	2
87064	87297	1928	*B. saida*	*Pseudocalanus minutus*	77	2
87064	87297	1928	*B. saida*	*Pseudocalanus minutus*	76	3
87064	87297	1929	*B. saida*	*Calanus glacialis*	72	1
87064	87297	1929	*B. saida*	*Calanus glacialis*	73	2
87064	87297	1929	*B. saida*	*Calanus hyperboreus*	75	1
87064	87297	1929	*B. saida*	Class: Polychaeta	38	1
87064	87297	1929	*B. saida*	*Pseudocalanus minutus*	77	41
87064	87297	1929	*B. saida*	*Pseudocalanus minutus*	83	16
87064	87297	1929	*B. saida*	*Pseudocalanus minutus*	76	13
87064	87297	1929	*B. saida*	*Pseudocalanus minutus*	75	12
87064	87297	1929	*B. saida*	*Pseudocalanus minutus*	74	2
87064	87297	1929	*B. saida*	*Pseudocalanus minutus*	73	1
87064	87297	1930	*B. saida*	*Calanus glacialis*	76	1
87064	87297	1930	*B. saida*	*Calanus glacialis*	72	1
87064	87297	1930	*B. saida*	*Calanus hyperboreus*	74	1
87064	87297	1930	*B. saida*	*Calanus hyperboreus*	75	5
87064	87297	1930	*B. saida*	*Calanus hyperboreus*	76	3
87064	87297	1930	*B. saida*	*Jaschnovia (=Derjuginia) tolli*	74	1
87064	87297	1930	*B. saida*	*Pseudocalanus minutus*	72	1
87064	87297	1930	*B. saida*	*Pseudocalanus minutus*	73	1
87064	87297	1930	*B. saida*	*Pseudocalanus minutus*	75	2
87064	87297	1930	*B. saida*	*Pseudocalanus minutus*	76	2
87064	87297	1930	*B. saida*	*Pseudocalanus minutus*	77	9
87064	87299	1973	*E. gracilis*	*Eurytemora raboti*	76	1
87064	87299	1973	*E. gracilis*	Order: Calanoida	79	63
87064	87299	1973	*E. gracilis*	Order: Calanoida	80	2
87064	87299	1973	*E. gracilis*	Order: Calanoida	78	26
87066	87302	1835	*C. harengus pallasi*	Family: Hemiuridae	58	2
87066	87303	1931	*B. saida*	*Calanus glacialis*	74	1
87066	87303	1931	*B. saida*	*Gammarus sp.*	0	1
87066	87303	1931	*B. saida*	*Mysis litoralis*	38	2
87066	87303	1931	*B. saida*	*Mysis relicta*	0	2
87066	87303	1931	*B. saida*	Order: Amphipoda	38	1
87066	87303	1931	*B. saida*	*Pseudocalanus minutus*	76	1
87067	87312	2059	*G. tricuspis*	*Calanus glacialis*	73	1
87067	87312	2059	*G. tricuspis*	*Calanus glacialis*	74	2
87067	87312	2059	*G. tricuspis*	Family: Hemiuridae	58	1
87067	87312	2059	*G. tricuspis*	Order: Podocopa	0	1
87067	87312	2059	*G. tricuspis*	*Pseudocalanus minutus*	76	17
87067	87312	2059	*G. tricuspis*	*Pseudocalanus minutus*	77	1
87065	87317	1932	*B. saida*	Family: Hemiuridae	58	1
87065	87317	1932	*B. saida*	Order: Calanoida	78	61
87065	87317	1932	*B. saida*	Order: Calanoida	79	362
87065	87317	1932	*B. saida*	Order: Calanoida	80	22
87065	87317	1932	*B. saida*	Order: Cyclopoida	79	2
87065	87317	1932	*B. saida*	Phylum: Rotifera	5	2
87065	87317	1932	*B. saida*	Suborder: Cladocera	5	1
87065	87317	1933	*B. saida*	*Microcalanus pygmaeus*	75	1
87065	87317	1933	*B. saida*	*Pseudocalanus minutus*	73	2

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87065	87317	1933	*B. saida*	*Pseudocalanus minutus*	74	1
87065	87317	1933	*B. saida*	*Pseudocalanus minutus*	75	2
87065	87317	1933	*B. saida*	*Pseudocalanus minutus*	76	31
87065	87317	1933	*B. saida*	*Pseudocalanus minutus*	77	9
87065	87317	1933	*B. saida*	*Pseudocalanus minutus*	83	375
87065	87317	1934	*B. saida*	*Calanus glacialis*	74	1
87065	87317	1934	*B. saida*	Order: Calanoida	80	5
87065	87317	1934	*B. saida*	Order: Calanoida	78	80
87065	87317	1934	*B. saida*	Order: Calanoida	79	230
87065	87317	1934	*B. saida*	*Pseudocalanus minutus*	73	1
87065	87317	2044	*G. tricuspis*	Class: Polychaeta	32	250
87065	87317	2044	*G. tricuspis*	Class: Polychaeta	38	1
87065	87317	2044	*G. tricuspis*	*Cyclops sp.*	76	5
87065	87317	2044	*G. tricuspis*	*Pseudocalanus minutus*	76	3
87065	87317	2092	*L. tunicatus*	Subphylum Crustacea	0	3
87065	87317	2093	*L. tunicatus*	Order: Cumacea	0	6
87065	87317	2094	*L. tunicatus*	*Calanus glacialis*	76	1
87065	87317	2094	*L. tunicatus*	*Gammarus sp.*	38	1
87065	87317	2094	*L. tunicatus*	Order: Cumacea	0	2
87065	87317	2094	*L. tunicatus*	*Pseudocalanus minutus*	75	1
87065	87318	1889	*B. saida*	*Calanus glacialis*	76	2
87065	87318	1889	*B. saida*	*Calanus glacialis*	74	4
87065	87318	1889	*B. saida*	*Calanus glacialis*	75	2
87065	87318	1889	*B. saida*	*Calanus hyperboreus*	74	1
87065	87318	1889	*B. saida*	*Calanus sp.*	5	1
87065	87318	1889	*B. saida*	*Pseudocalanus minutus*	73	1
87065	87318	1890	*B. saida*	*Calanus glacialis*	74	2
87065	87318	1890	*B. saida*	*Calanus glacialis*	75	1
87065	87318	1890	*B. saida*	*Calanus glacialis*	76	1
87065	87318	1890	*B. saida*	*Pseudocalanus minutus*	83	15
87065	87318	1890	*B. saida*	*Pseudocalanus minutus*	74	2
87065	87318	1890	*B. saida*	*Pseudocalanus minutus*	76	2
87065	87318	1890	*B. saida*	*Pseudocalanus minutus*	77	1
87065	87318	2073	*G. tricuspis*	Class: Cirripedia	35	1
87065	87318	2073	*G. tricuspis*	Subphylum CRUSTACEA	5	1
87065	87318	2090	*L. tunicatus*	*Calanus glacialis*	76	1
87065	87318	2090	*L. tunicatus*	*Pseudocalanus minutus*	76	1
87065	87318	2091	*L. tunicatus*	*Apherusa glacialis*	0	1
87065	87318	2091	*L. tunicatus*	*Jaschnovia (=Derjuginia) tolli*	74	1
87068	87324	1870	*C. harengus pallasi*	*Acartia clausi*	75	3
87068	87324	1870	*C. harengus pallasi*	*Acartia clausi*	76	3
87068	87324	1870	*C. harengus pallasi*	Family: Hemiuridae	58	14
87068	87324	1870	*C. harengus pallasi*	Order: Calanoida	5	2
87068	87326	2063	*G. tricuspis*	*Acartia clausi*	76	14
87068	87326	2063	*G. tricuspis*	Order: Amphipoda	5	1
87068	87326	2063	*G. tricuspis*	Order: Podocopa	0	2
87068	87326	2064	*G. tricuspis*	*Acartia clausi*	76	27
87068	87326	2064	*G. tricuspis*	*Acartia clausi*	77	1
87068	87326	2064	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	74	1
87068	87326	2064	*G. tricuspis*	Order: Podocopa	0	2
87068	87326	2065	*G. tricuspis*	*Acartia clausi*	76	17
87068	87326	2065	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	74	1
87068	87326	2065	*G. tricuspis*	Order: Podocopa	0	8
87068	87327	1863	*C. harengus pallasi*	*Acartia clausi*	76	3
87068	87327	1863	*C. harengus pallasi*	Family: Hemiuridae	58	1
87068	87327	1863	*C. harengus pallasi*	Order: Calanoida	5	1
87068	87327	2060	*G. tricuspis*	*Acartia clausi*	76	6
87068	87327	2060	*G. tricuspis*	*Jaschnovia (=Derjuginia) tolli*	75	1
87068	87327	2060	*G. tricuspis*	Order: Amphipoda	5	1
87068	87327	2061	*G. tricuspis*	Class: Bivalvia	0	3
87068	87327	2061	*G. tricuspis*	Order: Podocopa	0	4
87069	87332	1722	*A. medius*	Family: Hemiuridae	58	1

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 12. (continued) Stomach content summary for fish species captured in plankton hauls in the Beaufort Sea, July to September, 1987.

Station Number	Plankton Sample Number	Fish Sample Number	Fish Species	Stomach Content		
				Item Name	Comment Code[a]	Total Count[b]
87069	87332	1722	*A. medius*	*Pseudocalanus minutus*	73	7
87069	87332	1722	*A. medius*	*Pseudocalanus minutus*	74	1
87069	87332	1722	*A. medius*	*Pseudocalanus minutus*	76	3
87069	87332	1722	*A. medius*	*Pseudocalanus minutus*	83	9
87069	87332	1723	*A. medius*	Family: Hemiuridae	58	2
87069	87332	1723	*A. medius*	*Oncaea borealis*	81	1
87069	87332	1723	*A. medius*	*Oncaea borealis*	77	4
87069	87332	1723	*A. medius*	*Oncaea borealis*	76	3
87069	87332	1723	*A. medius*	*Pseudocalanus minutus*	75	2
87069	87332	1723	*A. medius*	*Pseudocalanus minutus*	76	1
87069	87332	1723	*A. medius*	*Pseudocalanus minutus*	83	13
87069	87332	1723	*A. medius*	*Pseudocalanus minutus*	5	36
87069	87333	1779	*A. medius*	*Oncaea borealis*	76	1
87069	87333	1779	*A. medius*	*Pseudocalanus minutus*	83	27
87069	87333	1779	*A. medius*	*Pseudocalanus minutus*	72	1
87069	87333	1779	*A. medius*	*Pseudocalanus minutus*	73	7
87069	87333	1779	*A. medius*	*Pseudocalanus minutus*	74	8
87069	87333	1779	*A. medius*	*Pseudocalanus minutus*	75	1
87069	87333	1779	*A. medius*	*Pseudocalanus minutus*	76	7
87069	87333	1780	*A. medius*	Family: Hemiuridae	58	1
87069	87333	1780	*A. medius*	*Oncaea borealis*	76	5
87069	87333	1780	*A. medius*	*Pseudocalanus minutus*	5	10
87069	87333	1780	*A. medius*	*Pseudocalanus minutus*	73	7
87069	87333	1780	*A. medius*	*Pseudocalanus minutus*	74	13
87069	87333	1780	*A. medius*	*Pseudocalanus minutus*	76	2
87069	87333	1780	*A. medius*	*Pseudocalanus minutus*	83	2
87069	87333	1781	*A. medius*	*Oncaea borealis*	76	6
87069	87333	1781	*A. medius*	*Oncaea borealis*	77	1
87069	87333	1781	*A. medius*	Order: Calanoida	5	9
87069	87333	1781	*A. medius*	*Pseudocalanus minutus*	77	1
87069	87333	1781	*A. medius*	*Pseudocalanus minutus*	76	3
87069	87333	1781	*A. medius*	*Pseudocalanus minutus*	74	3
87069	87333	1781	*A. medius*	*Pseudocalanus minutus*	73	5
87069	87333	1781	*A. medius*	*Pseudocalanus minutus*	83	14
87069	87333	1781	*A. medius*	*Pseudocalanus minutus*	75	3

[a] Comment codes given in Table 4.
[b] Total count = number of individuals in stomach.

Table 13. Frequency of occurrence and relative abundance of dietary items in fish stomachs sampled in the Beaufort Sea, July to September, 1987.

	Stomach Item		
		Percent	
Fish Species	Item Name	Frequency of Occurrence	Relative Abundance
Anisarchus medius	*Calanus glacialis*	14.4	0.4435
	Class: Bivalvia	1.1	0.0046
	Class: Polychaeta	2.2	0.0320
	Family: Hemiuridae	15.6	0.0823
	Hyperiidae sp.	1.1	0.0046
	Jaschnovia (=Derjuginia) tolli	2.2	0.0091
	Limnocalanus macrurus	25.6	0.5395
	Oithona similis	4.4	0.0229
	Oncaea borealis	8.9	0.1189
	Order: Calanoida	21.1	0.8139
	Order: Cyclopoida	1.1	0.0046
	Pseudocalanus minutus	90.0	21.7548
	Scolecithricella minor	1.1	0.1143
Artediellus sp.	*Limnocalanus macrurus*	100.0	0.1372
	Metridia longa	100.0	0.0046
	Pseudocalanus minutus	100.0	0.0091
Boreogadus saida	*Acartia clausi*	1.8	0.0777
	Apherusa glacialis	1.8	0.0046
	Calanus glacialis	69.6	1.3305
	Calanus hyperboreus	17.9	0.0960
	Calanus sp.	5.4	0.0183
	Chiridius obtusifrons	1.8	0.0046
	Class: Bivalvia	7.1	1.2574
	Class: Cirripedia	1.8	0.0091
	Class: Polychaeta	8.9	0.0594
	Euchaeta glacialis	3.6	0.0091
	Family: Hemiuridae	21.4	0.1463
	Fritillaria borealis	1.8	0.0091
	Gammarus sp.	1.8	0.0046
	Jaschnovia (=Derjuginia) tolli	12.5	0.0869
	Limacina helicina	7.1	0.0503
	Limnocalanus macrurus	7.1	0.0412
	Metridia longa	8.9	0.0503
	Microcalanus pygmaeus	10.7	0.0320
	Mysis litoralis	1.8	0.0091
	Mysis relicta	1.8	0.0091
	Oikopleura vanhoeffeni	48.2	0.2469
	Oithona similis	30.4	3.2600
	Oncaea borealis	35.7	0.9693
	Order: Amphipoda	1.8	0.0046
	Order: Calanoida	58.9	5.2444
	Order: Cyclopoida	3.6	0.0137
	Phlum: Rotifera	1.8	0.0091
	Pseudocalanus minutus	71.4	10.8866
	Scolecithricella minor	1.8	0.0046
	Suborder: Cladocera	1.8	0.0046
Clupea harengus pallasi	*Acartia clausi*	25.0	0.0640
	Cyclops sp.	8.3	0.0046
	Family: Hemiuridae	33.3	0.0823
	Order: Calanoida	75.0	0.1143
	Pseudocalanus minutus	8.3	0.0137

Table 13. (continued) Frequency of occurrence and relative abundance of dietary items in fish stomachs sampled in the Beaufort Sea, July to September, 1987.

	Stomach Item		
		Percent	
Fish Species	Item Name	Frequency of Occurrence	Relative Abundance
Clupea harengus pallasi	Subphylum: Crustacea	16.7	0.0091
Eleginus gracilis	*Eurytemora raboti*	20.0	0.0046
	Family: Hemiuridae	20.0	0.0046
	Microcalanus pygmaeus	20.0	0.0046
	Oithona similis	20.0	0.0046
	Order: Calanoida	40.0	0.4206
	Pseudocalanus minutus	60.0	0.8824
Gymnocanthus tricuspis	*Acartia clausi*	12.9	0.2972
	Acartia longiremis	3.2	0.0137
	Apherusa glacialis	16.1	0.0229
	Calanus glacialis	16.1	0.0320
	Class: Bivalvia	3.2	0.0137
	Class: Cirripedia	6.5	0.0091
	Class: Polychaeta	25.8	2.0072
	Clione limacina	3.2	0.0046
	Coscinodiscus sp.	3.2	0.0046
	Cyclops sp.	3.2	0.0229
	Family: Hemiuridae	6.5	0.0091
	Hyperiidae sp.	3.2	0.0091
	Jaschnovia (=Derjuginia) tolli	48.4	1.4540
	Limacina helicina	3.2	0.0046
	Metridia longa	9.7	0.0137
	Microsetella rosea	6.5	0.0091
	Oikopleura vanhoeffeni	3.2	0.0732
	Order: Amphipoda	6.5	0.0091
	Order: Calanoida	3.2	0.0046
	Order: Harpacticoida	6.5	0.0274
	Order: Podocopa	16.1	0.0777
	Parathemisto abyssorum	3.2	0.0046
	Paroediceros propinquus	6.5	0.0091
	Pseudocalanus minutus	64.5	3.1732
	SUBPHYLUM Crustacea	3.2	0.0046
Icelus sp.	*Calanus glacialis*	2.2	0.0046
	Class: Bivalvia	2.2	0.0046
	Class: Polychaeta	11.1	0.0320
	Family: Hemiuridae	31.1	0.1189
	Limnocalanus macrurus	15.6	0.0640
	Metridia longa	33.3	0.0914
	Oikopleura vanhoeffeni	2.2	0.0046
	Oncaea borealis	8.9	0.2103
	Order: Calanoida	11.1	0.0274
	Pseudocalanus minutus	82.2	34.7675
Liparis fabricii	*Calanus glacialis*	7.1	0.0046
	Calanus hyperboreus	7.1	0.0046
	Family: Hemiuridae	14.3	0.0183
	Hyperiidae sp.	7.1	0.0046
	Jaschnovia (=Derjuginia) tolli	7.1	0.0046
	Limnocalanus macrurus	21.4	0.0686
	Metridia longa	21.4	0.0183
	Microcalanus pygmaeus	28.6	0.2012

Table 13. (continued) Frequency of occurrence and relative abundance of dietary items in fish stomachs sampled in the Beaufort Sea, July to September, 1987.

	Stomach Item		
		Percent	
Fish Species	Item Name	Frequency of Occurrence	Relative Abundance
Liparis fabricii	*Oikopleura vanhoeffeni*	28.6	0.0229
	Oncaea borealis	7.1	0.0046
	Order: Calanoida	7.1	0.0046
	Pseudocalanus minutus	21.4	1.3077
Liparis tunicatus	*Apherusa glacialis*	33.3	0.1235
	Calanus glacialis	44.4	0.0320
	Gammarus sp.	11.1	0.0046
	Jaschnovia (=Derjuginia) tolli	33.3	0.3932
	Metridia longa	11.1	0.0046
	Order: Cumacea	33.3	0.0412
	Pseudocalanus minutus	55.6	1.1796
	Subphylum Crustacea	11.1	0.0137
Liparis sp.	*Apherusa glacialis*	4.2	0.0046
	Calanus glacialis	8.3	0.0091
	Calanus sp.	8.3	0.0091
	Class: Cirripedia	8.3	0.0640
	Class: Polychaeta	20.8	0.1463
	Coscinodiscus sp.	4.2	0.0046
	Family: Hemiuridae	16.7	0.0503
	Jaschnovia (=Derjuginia) tolli	4.2	0.0046
	Limacina helicina	12.5	0.1280
	Limnocalanus macrurus	20.8	0.1692
	Mertensia ovum	4.2	0.0091
	Metridia longa	33.3	0.0777
	Microcalanus pygmaeus	8.3	0.1235
	Oikopleura vanhoeffeni	12.5	0.0320
	Oncaea borealis	16.7	0.7819
	Order: Calanoida	25.0	0.0869
	Pseudocalanus minutus	33.3	0.9602
Myoxocephalus quadricornis	*Calanus glacialis*	9.5	0.0366
	Class: Bivalvia	4.8	0.0046
	Class: Copepoda	4.8	0.0549
	Class: Polychaeta	4.8	0.0046
	Eurytemora sp.	4.8	0.0046
	Family: Hemiuridae	4.8	0.0046
	Limnocalanus macrurus	66.7	0.1280
	Metridia longa	4.8	0.0046
	Mysis litoralis	9.5	0.0091
	Oncaea borealis	19.0	0.2606
	Order: Calanoida	42.9	0.1280
	Order: Mysidacea	4.8	0.0046
	Podon leuckarti	9.5	0.0412
	Pseudocalanus minutus	33.3	0.3612
Osmerus mordax	*Acartia clausi*	50.0	0.2789
	Eurytemora raboti	37.5	0.0183
	Limnocalanus macrurus	25.0	0.0091
	Order: Calanoida	50.0	0.0869
	Pseudocalanus minutus	50.0	0.1509

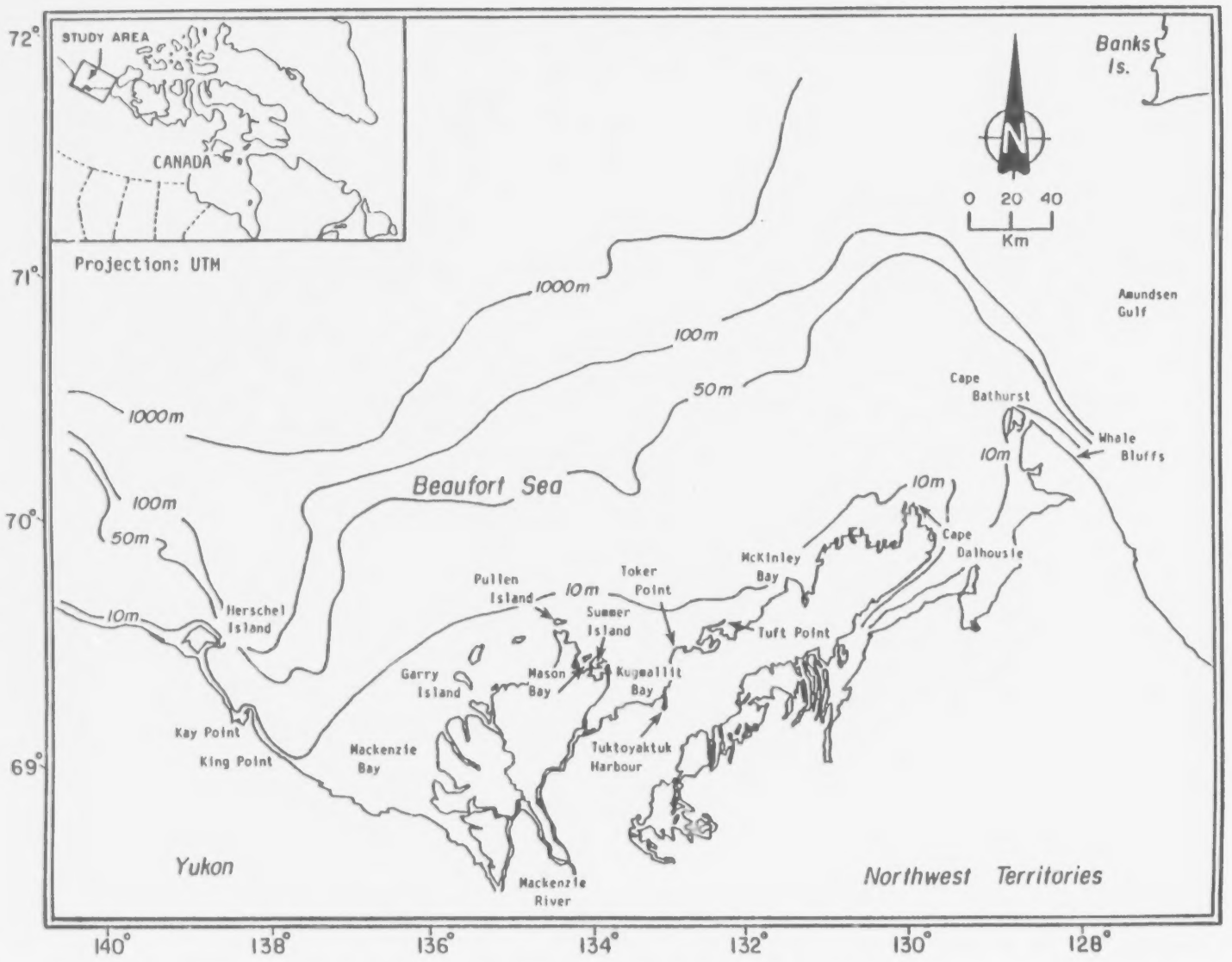

Figure 1. Location of study area for NOGAP Subproject B.2.1.

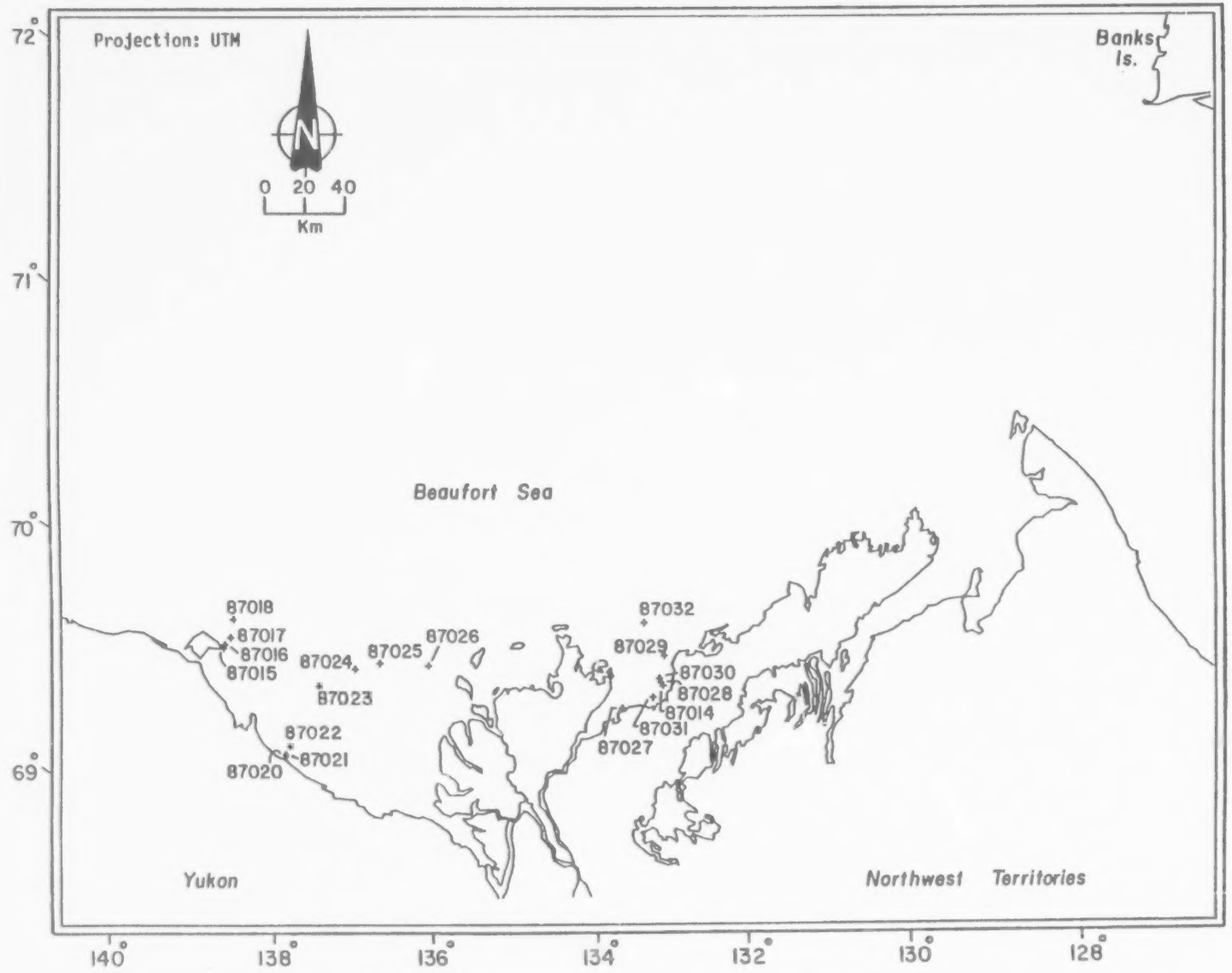

Figure 2. Location of stations sampled with plankton gear in July, 1987.

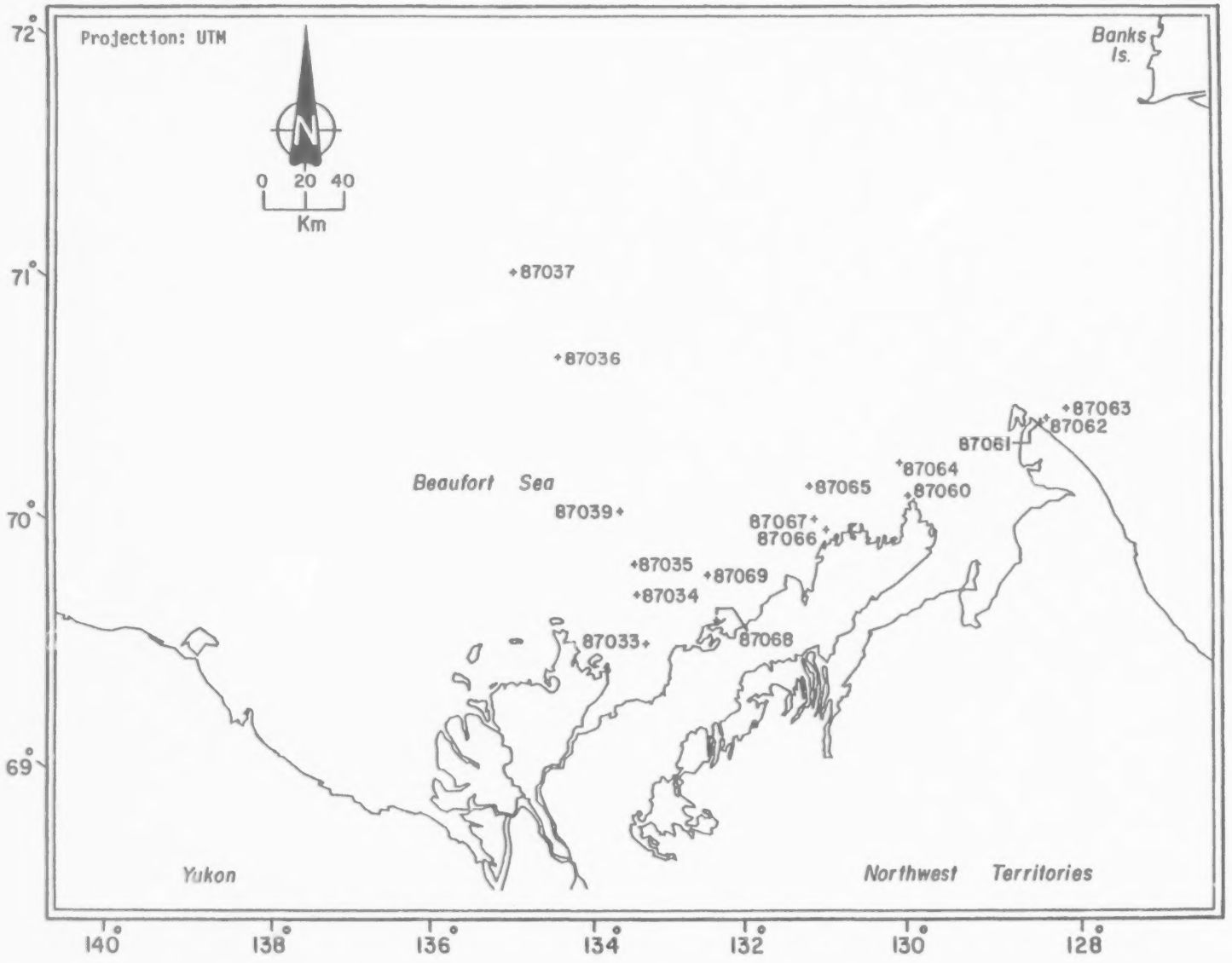

Figure 3. Location of stations sampled with plankton gear in August, 1987.